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HANGZHOU YUQIU MACHINE CO.,LTD 2022-1

Through the ISO9001:2015 international system certification
CHINA · HANGZHOU

YUQIU MACHINE
HANGZHOU YUQIU MACHINE CO.,LTD.



2022-1

Technological Life People-oriented

BRIEF INTRODUCTION

Hangzhou yuxing ball machinery co., LTD. Great river east new town is located in hangzhou jiangdong industrial park, is a professional committed to the industry of mechanical transmission products research and development, manufacturing, and service in the integration of science and technology enterprises. Company now has the domestic and foreign advanced production equipment and high-precision testing equipment, and the introduction of senior technical talent in the industry. And in the same industry took the lead through the ISO9001 international quality system certification, as well as the self-support right of import and export enterprises. Our products are well-sold all over the country and the developed countries in the world.

The company's main products are R series helical gear reducer, S series helical gears - worm gear and worm reducer, K series helical gear - bevel gear reducer, F series parallel shaft helical gear reducer, RV series worm reducer, Y2 series motor, gear reducer, etc all kinds of gear reduction motor, motor production. Products are mainly used in ceramics, glass, food, metallurgy, printing and dyeing, printing, warehousing, oil, mining and other industries supporting machinery and equipment.

We will continue to increase technical inputs, and constantly develop new products, with superior and reliable product quality, warm and thoughtful technical services and fast delivery capability in time to keep reputation company can be successful based on the transmission areas, both at home and abroad to create brilliant tomorrow.



belief

The sentiment of an enterprise will change its inclination of one industry.
The integrity of an enterprise will change its moral.



ADVANCED EQUIPMENTS

YUQIU has advanced automatic producing equipments which gives the continuous support to improving the precision of spare parts.









YUQIU MACHINE
HANGZHOU YUQIU MACHINE CO.,LTD.







ADVANCED EQUIPMENTS

We have advanced and perfect inspecting equipment to inspect the spare parts and whole machine precisely.

YQR Series





YQF Series





YQS Series





YQK Series





YUQIU MACHINERY Through the ISO9001:2015 international system certification

CONTENTS

009 Performance characteristics

009 Workplace conditions

010–011 Selection Guide

012–077 YQR series helical gear reducer

078–110 YQS series helical gear worm gear reducer

111–160 YQK series helical gear-Bevel gear reducer

161–203 YQF series parallel shaft helical gear reducer

204–205 Annex I: Motor Size Table

206–207 Annex II: Lubricants

208 Annex III: Maintenance

209 Annex IV: Storage

209 Annex V: Guidance Notes on Orders

210–211 Annex VI: Fault diagnosis

212–213 Annex VII: Load Characteristic Table for the speed reducer(Reference)

一、Characteristics:

1. YUQIU machinery are based on the building block design,so it's convenient for them to fit all types of motors or to connect with other power input,The same tyhpe of reductors can fit motors with different power,so that it's possible for different types of machines to combine or connect.
2. High transmission efficiency.A single machine can reach a transmission efficiency as much as 96%.
3. Precise division of transmission ratio with a wide range.The combination of machines can produce a larger transmission ratio at a low output rotational speed.
4. Various ways of installation.Horizontal installation at any position or flanged installation.

二、Working Environment:

1. Working temperature:-40℃ ~ 50℃(The lubrication should be heated until above 0℃ if the machine works Below 0℃.)
2. The working place should be lower than 1,000 meters above sea level.
3. The imput rotational speed should not exceed 1,800r/m.The circumferential speed of the gear should not exceed 22m/s.
4. Suitable for normal-reverse rotation.
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

三、Instructions for Selection:

Speed reducer is designed by referring to invariable torque on the condition of normal temperature below20℃,with on-off frequency less than 10 per hour,Before selecting machine model according to model selection parameter table,it is required to know the load and operating conditions of working machine.After confirming operating power,select utilization coefficient fB in parameter table according to the following methods.

Modeling of R、S、K、F four large series

1.To confirm operating power P(KW)of working machine;

2.To confirm the lowest operating mode coefficient f_1(Table 1)according to load features of workng machine and daily operating hours;

3.To confirm startup coefficient f_2(Table 2)according to the number of starts per hour;

4.To calculate total operating mode coefficient f_A;(Ambient temperature coefficient f_3(Table 3) must be considered for S series.)

$f_A=f_1Xf_2$ $(f_A=f_1Xf_2Xf_3)$

5.To select the specifications of speed rdducer from model selecti on table according to its operating power and output rotating speed,meanwhile it is necessary to ensure that f_A ≤utilization coefficient $f_B$offered in model selection parameter table.

Notes: □If users have higher reliability requirements for speed reducer,certain safety coefficient must be multiplied or you can call us for further consultation;

□Please contact the technical department of our company for any information on radial load and axial load of output terminal;

□Please refer to the《Operation instructions of speed reducer》attached with the machine.

Table 1 Working minimum working conditions coefficient f_1

Workmachine		Day carrying running time(hours)			Workmachine		Day carrying running time(hours)		
		≤0.5	>0.5 ~ 10	>10			≤0.5	>0.5 ~ 10	>10
Sewage treatment	Enrichment	–	–	1.2	Lifting machinery	Rotation mechanism *	1	1.4	1.8
	Pressure filter	1	1.3	1.5		Pitch mechanism	1	1.4	1.8
	Flocculator	0.8	1	1.3		Walking mechanism	1.5	1.75	2
	Aeration machine	–	1.8	2		Promotion of institutions	1	1.1	1.4
	Holding equipment	1	1.2	1.3		Rotary crane	1	1.2	1.6
	Vertical, rotary combined assembly device	1	1.3	1.5	Chemical industry	Squeeze machine	–	–	1.6
	Predent	–	1.1	1.3		Pulling machine	–	1.8	1.8
	Screw pump	–	1.3	1.5		Rubber calender	–	1.5	1.5
	Water turbine	–	–	2		Cooling cylinders	–	1.3	1.4
	Centrifuge	1	1.2	1.3		Mixing machine for uniform medium	1	1.3	1.4
	1 piston volume pump	1.3	1.4	1.8		Mixing machine for non-uniform medium	1.4	1.6	1.7
	>1Piston volume pumps	1.2	1.4	1.5		Mixer, for medium of uniform density	1	1.3	1.5
A dredge	Fighting transport aircraft	/	1.6	1.6		Mixer for non-uniform medium	1.2	1.4	1.6
	Dumping device	/	1.3	1.5		Oven	1	1.3	1.5
	Walking mechanism *	1.2	1.6	1.8		centrifuge	1	1.2	1.3
	Dot-wheel excavator: for picking up	/	1.7	1.7	Fan type	Cooling tower fan	–	–	2
	Dot-wheel excavator: for coarse materials	/	2.2	2.2		Fan(axial and centrifugal)	–	1.4	1.5
	Shredder	/	2.2	2.2	Sucrose production	Sugarcane Crusher	–	–	1.7
Iron and steel industry	Pulling machine	1.25	1.5	1.75		Sugar mill	–	–	1.7
	Winder	1	1.25	1.5	Beet sugar production	Beet grinder	–	–	1.2
	Centrally drive roller(no inversion)	1.25	1.5	1.75		Extraction machine, mechanical refrigerator, cooking machine	–	–	1.4
	Single Drive Roller(No Inversion)	1.5	1.75	2		Beet washing machine	–	–	1.5
	Centrally drive roller(with reverse)	1.75	2.25	2.5		Beet cutter	–	–	1.5
	Single Drive Roller(with Reverse)	2	2.25	2.75	Cable Car	A cableway	–	1.3	1.4
Textile industry	Loom	1.25	1.5	1.75		Aerial ropeway to anti-system.	–	1.6	1.8
	Spinning machine	1	1.25	1.5		T-bar lift	–	1.3	1.4
	Scrubbers	1	1.25	1.5		Continuous ropeway	–	1.4	1.6
Transmission machinery	Double-type conveyor	–	1.2	1.5	Cement industry	Mud Mixer	–	1.5	1.5
	winch	1.4	1.6	1.6		Crusher *	–	1.2	1.4
	winch	–	1.5	1.8		Turn back cellar	–	–	2
	Belt conveyor <=150KW	1	1.2	1.3		Pipe grinder	–	–	2
	Belt conveyor >151KW	1.1	1.3	1.4		Selection machine	–	1.6	1.6
	Goods elevator *	–	1.2	1.5		Roll press	–	–	2
	Guest elevator *	–	1.5	1.8	Paper machinery	Various types **	–	1.8	2
	Scratching conveyor	–	1.2	1.5		Pulp Crusher drive device	–	2	2.25
	Escalators	–	1.2	1.4	Compressor	Reciprocating compressor	–	1.8	1.9
	Orbital walking mechanism	–	1.5	–		Centrifugal compressor	–	1.4	1.5

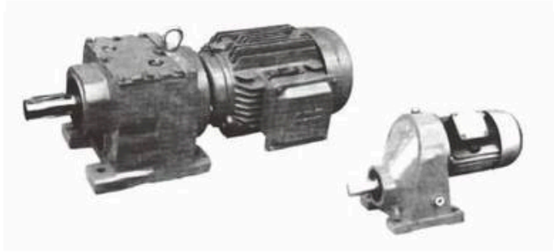
Determination of machine rated power P2: *) The rated power is determined by maximum torque. **) Testing of thermal power is absolutely necessary.

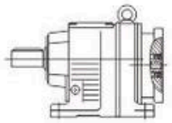
Table 2 Start coefficient f_2

Number of starts per hour	≤.0.5h	0.5-10h	>10h
<10	1.00	1.00	1
<100	1.15	1.25	1.4
<500	1.25	1.4	1.7

Table 3 Ambient temperature coefficient f_3

Ambient temperature	10℃	20℃	30℃	40℃	50℃
Ambient temperature coefficient f_3	0.88	1.00	1.15	1.35	1.65

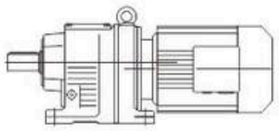




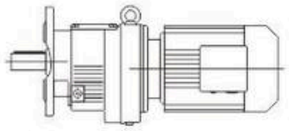
R (RF, FX, RXF) ...Y...

When equipping the user's motor or the special one, the flange is required to be connected

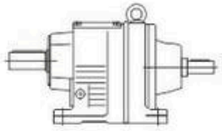
R series gear units are available in the following designs:



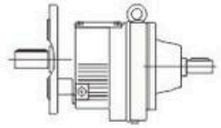
R...Y...
Foot-mounted helical gear units with solid shaft



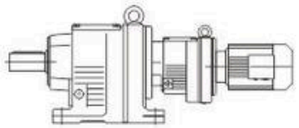
RF...Y...
Flange-mounted helical gear units with solid shaft



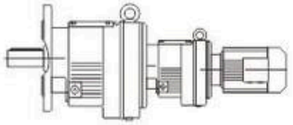
RS...
Foot-mounted ,shaft input helical gear units with solid shaft



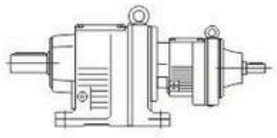
RFS...
Flange-mounted ,shaft input helical gear units with solid shaft



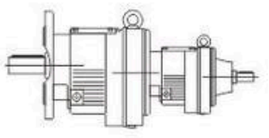
R...R...Y...
Foot-mounted combinatorial helical gear units with solid shaft



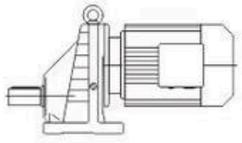
RF...R...Y...
Flange-mounted combinatorial helical gear units with solid shaft



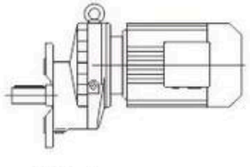
RS...R...
Foot-mounted combinatorial, shaft input helical gear units with solid shaft



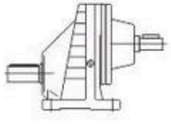
RFS...R...
Flange-mounted combinatorial, shaft input helical gear units with solid shaft



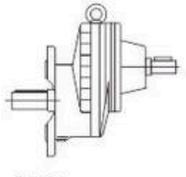
RX...Y...
Foot-mounted single-stage helical gear units with solid shaft



RXF...Y...
Flange-mounted single-stage helical gear units with solid shaft



RXS...
Foot-mounted, shaft input single -stage helical gear units with solid shaft



RXFS...
Flange-mounted, shaft input single -stage helical gear units with solid shaft

Type Designations:

R F 37 – Y 0.55-4P – 32.40 – M1 – 270° – ϕ200

- Gear units type
- Structure
- Size
- Motor code
- Motor power、pole
- Ratio
- Mounting position
- Position of the motor thermal box
- Other diameter of output flange

Gear units type:
rigid tooth flank helical gear units

Structure:

Foot-mounted solid shaft output	(–)
Flange-mounted solid shaft output	F
Foot-mounted solid shaft output, shaft input	S
Flange-mounted solid shaft output, shaft input	FS

Size:
(see selection table)

Motor code:

Ordinary(renew)	Y(Y2)
Flame-proof	B
Direct current	Z
Brake	YEJ
Multi-speed	D
Variable frequency	YVP
Electromagnetism speed modulation	YCT
Hoisting in metallurgy	R
Variable frequency and brake	YVPJ
Roller tables	G

Motor power、pole :
(see selection table)

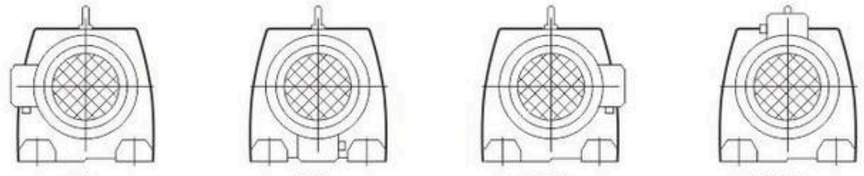
Ratio:
(see selection table)

Mounting position:
M1、M2、M3、M4、M5、M6、(see page 14)

Position of the motor thermal box:
0° 、90° 、180° 、270° (see page 13)

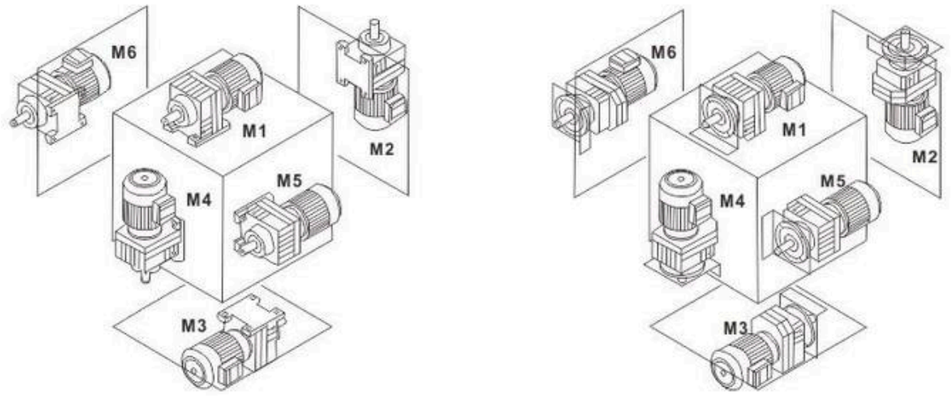
Outer diameter of output flange:
(See the chart of mouting dimension sheets-overview)
It will be omited when foot mouting.

Position of the motor thermal box:



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Mounting position:



Input power rating and permissible torque

Size	17	27	37	47	57	67	77	87	97	107	137	147	167
Structure	R RF												
Input power rating (kw)	0.18~0.75	0.18~3	0.18~3	0.18~5.5	0.18~7.5	0.18~7.5	0.18~11	0.55~22	0.55~30	2.2~45	5.5~55	11~90	11~160
Ratio	3.83~74.84	3.37~135.09	3.33~134.82	3.83~176.88	4.39~186.88	4.29~199.81	5.21~195.24	5.36~246.54	4.49~289.74	5.06~249.16	5.15~222.60	5.00~163.31	10.24~229.71
Permissible torque (N.M)	85	130	200	300	450	600	820	1550	3000	4300	8000	13000	18000

Size	37	57	67	77	87	97	107	127	157
Structure	RX RXF								
Input power rating(kw)	0.18~1.1	0.18~5.5	0.18~7.5	1.1~11	3~22	5.5~30	7.5~45	7.5~90	11~132
Ratio	1.62~4.43	1.3~5.5	1.4~6.07	1.42~8.00	1.39~8.65	1.42~8.23	1.44~6.63	1.51~6.2	1.57~6.2
Allow torque(N.m) Permissible torque	20	70	135	215	400	600	830	1110	1680

Gear unit weight

Size	R17	R27	R37	R47	R57	R67	R77	R87	R97	R107	R137	R147	R167
Weight (kg)	4	5.5	8.5	10	18	25	36	63	101	153	220	400	700
Gear unit type	RX37	RX57	RX67	RX77	RX87	RX97	RX107	RX127	RX157				
Weight (kg)	5	8	14	23	39	70	100	150	250				

The weights are mean values, only for reference.

Lubrication table

Size	Fill quantity in liters					
	M1[1]	M2[1]	M3	M4	M5	M6
R17	0.25	0.6	0.35	0.6	0.35	0.35
R27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
R37	0.3/1	0.9	1	1.1	0.8	1
R47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
R57	0.8/1.7	1.9	1.7	2.1	1.7	1.7
R67	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
R77	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
R87	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
R97	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
R107	6/13.7	16.3	16.9	19.2	13.2	15.9
R137	10/25	28	29.5	31.5	25	25
R147	15.4/40	46.5	48	52	39.5	41
R167	27/70	82	78	88	66	69

Size	Fill quantity in liters					
	M1[1]	M2[1]	M3	M4	M5	M6
RF17	0.25	0.6	0.35	0.6	0.35	0.35
RF27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
RF37	0.4/1	0.9	1	1.1	0.8	1
RF47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
RF57	0.8/1.7	1.8	1.7	2	1.7	1.7
RF67	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
RF77	1.2/2.6	3.8/4.1	3.6	4.1	2.7	3
RF87	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
RF97	5.1/10.2	11.9/14	11.2	14	11.2	11.8
RF107	6.3/14.9	15.9	17	19.2	13.1	15.9
RF137	9.5/25	27	29	32.5	25	25
RF147	16.4/42	47	48	52	42	42
RF167	26/70	82	78	88	65	71

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
RX37/RXF37	0.45/0.4	0.6	1.1/0.9	1.1/0.9	0.7/0.6	0.7/0.6
RX57/RXF57	0.6/0.5	0.8	1.3/1.1	1.3/1.1	0.9/0.7	0.9/0.7
RX67/RXF67	0.8/0.7	0.8	1.7/1.5	1.9/1.7	1.1/1	1.1/1
RX77/RXF77	1.1/0.9	1.5	2.6/2.4	2.7/2.5	1.6	1.6
RX87/RXF87	1.7/1.6	2.5	4.8/4.9	4.8/4.7	2.9	2.9
RX97/RXF97	2.1	3.4/3.6	7.4/7.1	7	4.8	4.8
RX107/RXF107	3.9/3.1	5.6/5.9	11.6/11.2	11.9/10.5	7.7/7.2	7.7/7.2
RX127/RXF127	5.6/5.9	11.6/11.2	21.9/20.5	22.7/22.2	9.7/9.2	9.7/9.2
RX157/RXF157	11.6/11.2	21.9/20.5	31.3/30.5	32.7/32.2	13.2/12.7	13.2/12.7

Notes: [1]The large gear unit of multi-stage gear units must be filled with the larger oil volume.

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Note: 1.The shaft input type does not have all the contents of the motor.

2.Motors of Y series are supplied with protection grade of IP54 unless otherwise specified

3.The mounting position of M1 as shown in the mounting position example(page 17–20)is the default way when supplying unless otherwise specified.

4.0° as shown in the mounting position example(page 17–20) is the default connection box angle when supplying unless otherwise specified.

5.if there's an output flange,the small flange as shown in the Physical Dimension Illustration(page 57–74) will be supplied unless otherwise specified.

6.Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.

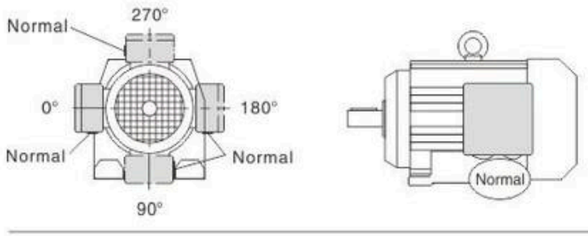
Explanation of mounting position example

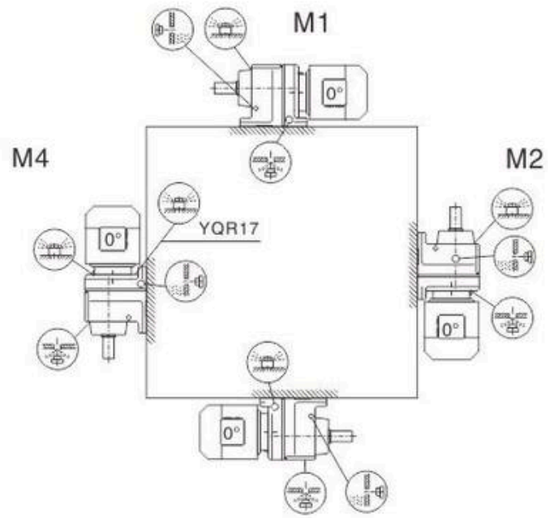

Breather valve

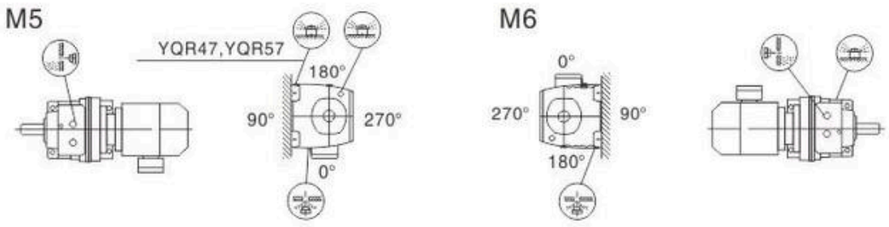

Oil level plug


Oil drain plug

YQR17–YQR167 Mounting position example

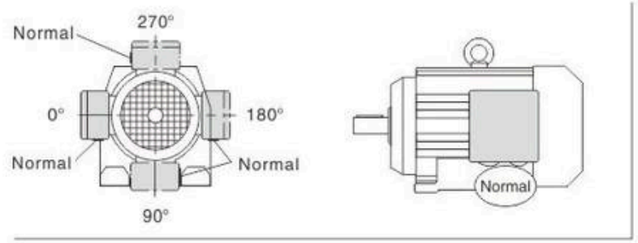


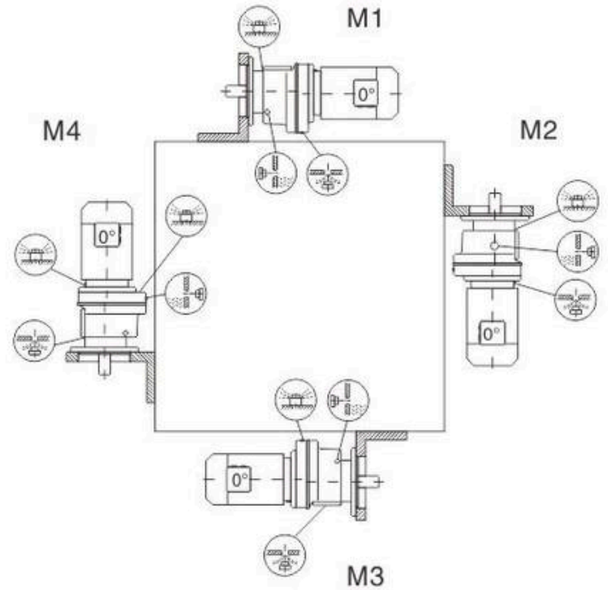


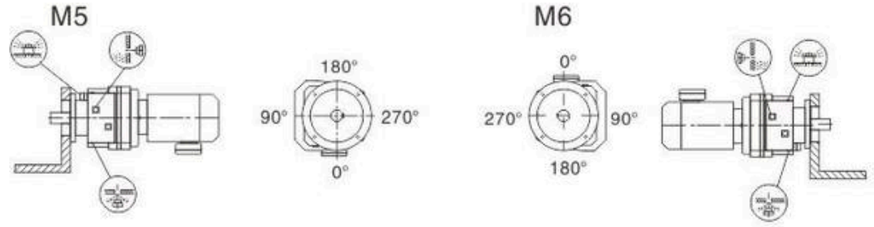


YQR17,YQR27	✗	M6
YQR17,YQR27	✗	M5
YQR17,YQR27	✗	M1, M2, M3
YQR47,YQR57	✗	M5

YQRF17–YQRF167 Mounting position example

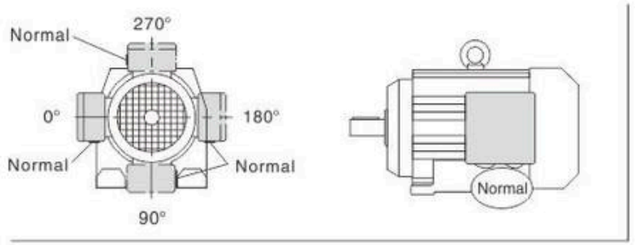


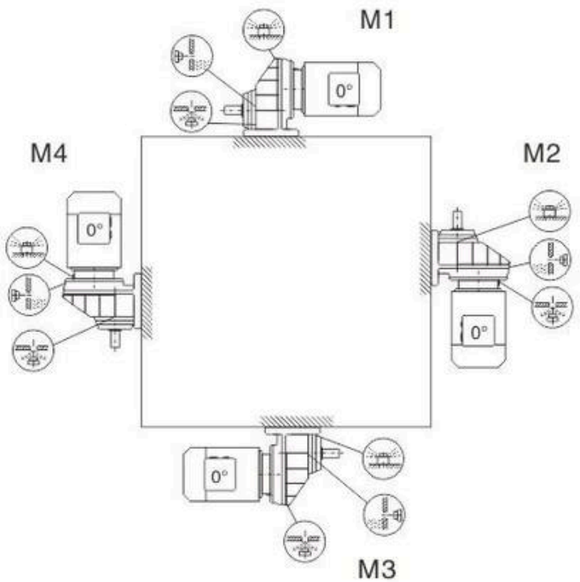




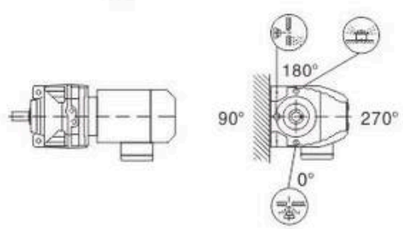
YQRF17,YQRF27	✗	M6
YQRF17,YQRF27	✗	M5
YQRF17,YQRF27	✗	M1, M2, M3
YQRF47,YQRF57	✗	M5

YQRX57-YQRX107 Mounting position example

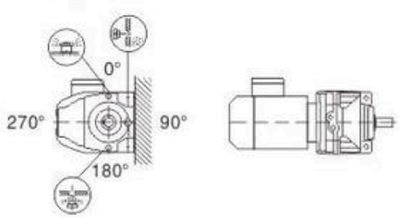




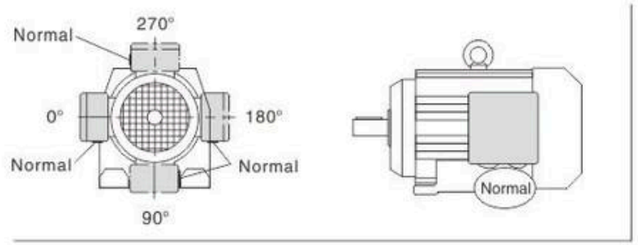
M5

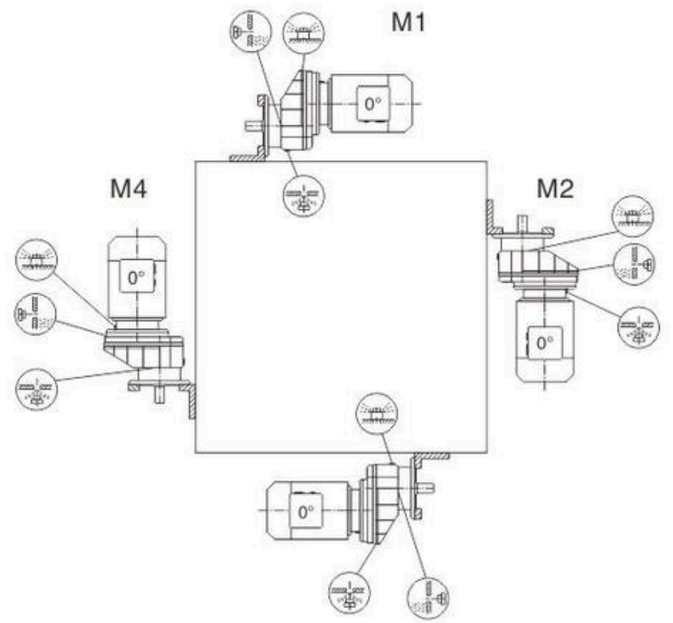


M6

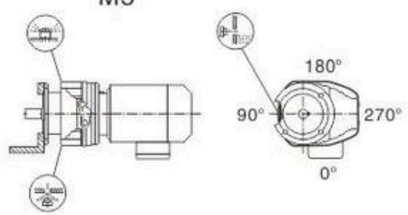


YQRXF57-YQRXF107 Mounting position example

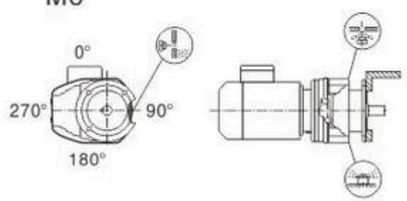


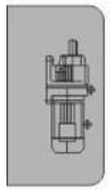


M5



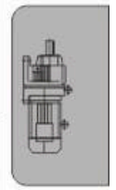
M6





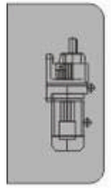
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12kW						
0.06	14300	21342	58600	0.90		
0.08	12000	18210	64500	1.10	YQR 147 R77	4
0.09	10300	15923	67300	1.25	YQRF147 R77	4
0.10	9440	14075	68600	1.40		
0.11	7630	12344	70700	1.70		
0.12	6780	11143	71500	1.90		
0.14	6020	9743	72200	2.2		
0.16	4960	8443	73000	2.6	YQR 147 R77	4
0.19	4290	7307	73400	3.0	YQRF147 R77	4
0.21	3780	6447	73700	3.4		
0.25	3270	5568	73900	4.0		
0.11	8390	12921	52300	0.95		
0.12	7240	11712	54900	1.10		
0.13	6430	10573	56400	1.25		
0.16	5160	8784	58200	1.55	YQR 137 R77	4
0.18	4270	7479	59200	1.85	YQRF137 R77	4
0.21	4060	6559	59500	1.95		
0.24	3330	5834	60100	2.4		
0.27	3160	5116	60200	2.5		
0.18	4500	7583	28300	0.95		
0.20	3850	6743	31700	1.10		
0.23	3660	5914	32500	1.20	YQR 107 R77	4
0.27	2950	5168	35100	1.45	YQRF107 R77	4
0.31	2600	4435	36000	1.65		
0.35	2310	3896	36400	1.85		
0.45	1880	3039	36900	2.3		
0.35	2670	3918	35900	1.60		
0.41	2240	3343	36500	1.90		
0.45	2030	3034	36700	2.1	YQR 107 R77	4
0.52	1750	2653	37000	2.5	YQRF107 R77	4
0.61	1500	2280	37200	2.9		
0.67	1300	2067	37400	3.3		
0.30	2950	4559	21300	1.00	YQR 97 R57	4
0.34	2500	4004	24100	1.20	YQRF97 R57	4
0.40	2200	3481	25500	1.35		
0.29	3240	4678	3970	0.90		
0.32	2970	4309	21000	1.00		
0.37	2510	3702	24000	1.20		
0.46	2010	3019	26400	1.50	YQR 97 R57	4
0.52	1750	2668	27300	1.70	YQRF97 R57	4
0.61	1440	2245	27700	2.1		
0.68	1280	2016	27900	2.3		
0.80	1160	1733	28100	2.6		
0.45	2020	3065	26300	1.50		
0.51	1790	2722	27100	1.65		
0.60	1510	2311	27600	2.0		
0.66	1360	2078	27800	2.2	YQR 97 R57	4
0.76	1170	1823	28100	2.6	YQRF97 R57	4
0.87	1020	1583	28200	3.0		
0.99	860	1396	28300	3.5		
1.1	740	1228	28400	4.1		
0.48	1740	2873	15500	0.90	YQR 87 R57	4
0.70	1260	1961	18700	1.25	YQRF87 R57	4
0.50	1850	2770	10700	0.85		
0.53	1730	2595	15600	0.90	YQR 87 R57	4
0.65	1390	2129	18000	1.10	YQRF87 R57	4
0.72	1240	1930	18800	1.25		
0.80	1100	1733	19400	1.40		
0.79	1090	1737	19500	1.40		
0.91	960	1524	20000	1.60		
1.1	775	1303	20000	2.0		
1.2	680	1143	20000	2.3	YQR 87 R57	4
1.6	555	885	20000	2.8	YQRF87 R57	4
1.8	485	776	20000	3.2		
2.0	430	685	20000	3.6		
2.3	345	599	20000	4.5		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12kW						
0.97	950	1430	8220	0.85		
1.1	900	1303	9080	0.90	YQR 77 R37	4
1.2	770	1124	10400	1.05	YQRF 77 R37	4
1.3	715	1047	10800	1.15		
1.5	615	915	11500	1.35		
0.99	940	1394	8660	0.85		
1.1	785	1218	10200	1.05		
1.3	710	1084	10800	1.15		
1.5	635	940	11400	1.30	YQR 77 R37	4
1.7	505	821	12000	1.60	YQRF 77 R37	4
1.9	460	731	12300	1.80		
2.1	440	646	12300	1.85		
2.7	365	520	12600	2.3		
3.1	310	451	12800	2.6	YQR 77 R37	4
3.3	290	422	12800	2.8	YQRF 77 R37	4
3.8	245	365	12900	3.3		
1.4	655	956	5950	0.90		
1.5	605	891	7480	1.00		
1.9	490	730	8670	1.25	YQR 67 R37	4
2.1	425	644	9150	1.40	YQRF 67 R37	4
2.4	375	571	9490	1.60		
2.8	315	486	9820	1.90		
1.6	565	836	7980	1.05		
1.8	475	750	8790	1.25		
2.1	420	646	9190	1.40	YQR 67 R37	4
2.4	380	574	9450	1.55	YQRF 67 R37	4
2.8	330	495	9740	1.80		
3.2	275	438	9990	2.2		
1.8	525	782	5710	0.85		
2.0	440	678	7160	1.05		
2.3	395	604	7330	1.15	YQR 57 R37	4
2.6	360	537	7460	1.25	YQRF 57 R37	4
2.9	315	471	7590	1.45		
3.9	235	357	7790	1.95		
4.3	205	319	7840	2.2		
3.8	245	359	7760	1.80		
4.3	225	324	7810	2.0		
4.8	196	290	7860	2.3	YQR 57 R37	4
5.3	177	262	7890	2.5	YQRF 57 R37	4
5.6	164	246	7910	2.8		
6.3	144	220	7940	3.1		
2.4	375	572	2500	0.80		
2.7	330	510	5140	0.90	YQR 47 R37	4
3.2	275	436	5540	1.10	YQRF 47 R37	4
3.4	255	408	5630	1.15		
4.0	210	344	5810	1.40		
2.8	355	502	3780	0.85		
3.2	300	429	5430	1.00		
3.7	255	372	5640	1.15		
4.0	240	348	5710	1.25	YQR 47 R37	4
4.6	205	301	5840	1.50	YQRF 47 R37	4
5.4	169	255	5950	1.75		
6.1	150	228	6000	2.0		
7.1	125	195	6050	2.4		
4.1	220	338	4700	0.90		
4.7	205	296	4910	1.00		
5.3	176	259	5220	1.15	YQR 37 R17	4
6.1	155	228	5420	1.30	YQRF 37 R17	4
6.9	134	199	5600	1.50		
8.0	117	172	5720	1.70		
4.2	230	328	4550	0.90		
4.8	197	289	4990	1.00		
5.2	184	265	5130	1.10	YQR 37 R17	4
6.1	151	226	5470	1.35	YQRF 37 R17	4
6.8	138	202	5570	1.45		
7.7	120	179	5700	1.65		



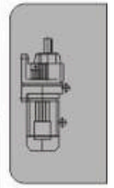
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12kW						
6.0	152	229	4130	0.85		
6.9	132	200	4220	1.00	YQR 27 R17	4
7.8	116	177	4290	1.10	YQRF 27 R17	4
8.3	111	166	4310	1.15		
6.1	151	227	4130	0.85		
6.8	138	203	4200	0.95	YQR 27 R17	4
7.7	121	179	4280	1.10	YQRF 27 R17	4
8.8	102	156	4350	1.25		
4.6	250	195.24	12900	3.3	YQR 77	6
5.4	210	166.59	13000	3.9	YQRF 77	6
6.2	186	145.67	13000	4.4		
4.5	255	199.81	10100	2.4		
4.9	235	184.07	10100	2.6		
5.7	200	158.14	10300	3.0	YQR 67	6
6.5	175	137.67	10300	3.4	YQRF 67	6
7.0	164	128.97	10400	3.7		
7.9	145	113.94	10400	4.1		
6.9	166	199.81	10300	3.6	YQR 67	4
7.5	153	184.07	10400	3.9	YQRF 67	4
4.8	240	186.89	7780	1.90		
5.2	220	172.17	7820	2.0		
6.1	188	147.92	7870	2.4	YQR 57	6
7.0	164	128.77	7910	2.7	YQRF 57	6
7.5	154	120.63	7920	2.9		
8.4	136	106.58	7950	3.3		
9.1	126	98.99	7960	3.6		
7.4	155	186.89	7920	2.9		
8.0	143	172.17	7940	3.2	YQR 57	4
9.3	123	147.92	7960	3.7	YQRF 57	4
11	107	128.77	7980	4.2		
5.1	225	176.88	5760	1.35		
5.5	210	162.94	5830	1.45	YQR 47	6
6.4	178	139.99	5920	1.70	YQRF 47	6
7.4	155	121.87	5980	1.95		
7.8	147	176.88	6000	2.0		
8.5	135	162.94	6030	2.2		
9.9	116	139.99	6070	2.6		
11	101	121.87	6100	3.0	YQR 47	4
12	95	114.17	6110	3.2	YQRF 47	4
14	84	100.86	6120	3.6		
15	78	93.68	6130	3.9		
6.7	172	134.82	5270	1.15		
7.3	157	123.66	5410	1.25		
8.6	134	105.28	5600	1.50	YQR 37	6
9.9	116	90.77	5730	1.75	YQRF 37	6
11	108	84.61	5770	1.85		
12	94	73.96	5850	2.1		
10	112	134.82	5750	1.80		
11	103	123.66	5800	1.95		
13	87	105.28	5880	2.3	YQR 37	4
15	75	90.77	5930	2.7	YQRF 37	4
16	70	84.61	5950	2.8		
19	61	73.96	5980	3.3		
7.3	158	123.91	4090	0.80		
8.5	134	105.49	4210	0.95	YQR 27	6
9.9	116	90.96	4300	1.10	YQRF 27	6
11	108	84.78	4330	1.20		
12	94	74.11	4370	1.40		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12kW						
10	112	135.09	4310	1.15		
11	103	123.91	4340	1.25		
13	88	105.49	4390	1.50		
15	76	90.96	4430	1.70		
16	70	84.78	4440	1.85	YQR 27	4
19	62	74.11	4460	2.1	YQRF 27	4
20	58	69.47	4470	2.2		
23	51	61.30	4400	2.5		
25	46	55.87	4280	2.8		
29	40	48.17	4090	3.2		
31	37	44.90	4000	3.5		
11	104	81.64	300	0.80		
13	90	70.39	1470	0.95		
14	84	65.61	1860	1.00	YQR 17	6
16	73	57.35	2430	1.15	YQRF 17	6
17	68	53.76	2500	1.25		
19	60	47.44	2500	1.40		
17	68	81.64	2500	1.25		
20	58	70.39	2500	1.45		
21	55	65.61	2500	1.55		
24	48	57.35	2500	1.80		
26	45	53.76	2500	1.90		
29	39	47.44	2500	2.2	YQR 17	4
31	37	44.18	2500	2.3	YQRF 17	4
36	32	38.61	2430	2.7		
38	30	36.20	2390	2.8		
43	27	31.94	2310	3.2		
49	24	28.32	2230	3.6		
57	20	24.07	2130	4.2		
55	21	25.23	2160	4.1		
60	19	23.15	2110	4.4		
70	16	19.71	2010	5.2		
81	14	16.99	1920	6.0		
87	13	15.84	1880	6.4		
100	12	13.84	1810	7.4		
106	11	12.98	1770	7.9		
121	9.5	11.45	1710	8.5	YQR 17	4
136	8.4	10.15	1640	9.2	YQRF 17	4
160	7.2	8.63	1560	10		
183	6.3	7.55	1490	8.9		
196	5.8	7.04	1460	9.5		
224	5.1	6.15	1400	11		
239	4.8	5.76	1370	11		
271	4.2	5.09	1320	12		
306	3.7	4.51	1270	13		
360	3.2	3.83	1200	14		
227	5.0	6.07	4270	8.6		
267	4.3	5.18	4050	17	YQRX 67	4
305	3.8	4.53	3870	22	YQRXF 67	4
321	3.6	4.30	3810	22		
251	4.6	5.50	3360	8.5		
272	4.2	5.07	3270	8.6		
317	3.6	4.35	3120	19		
364	3.1	3.79	2980	22		
389	2.9	3.55	2910	24		
440	2.6	3.14	2800	25	YQRX 57	4
474	2.4	2.91	2730	28	YQRXF 57	4
523	2.2	2.64	2640	31		
582	2.0	2.37	2550	35		
676	1.7	2.04	2430	41		
719	1.6	1.92	2380	43		
835	1.4	1.65	2260	49		
0.18kW						
0.09	15500	14075	43800	0.85		
0.11	12900	12344	62800	1.00	YQR 147 R77	4
0.12	11600	11143	65300	1.10	YQRF147 R77	4
0.14	10200	9743	67500	1.25		



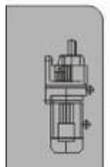
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
0.16	8590	8443	69600	1.50		
0.18	7430	7307	70900	1.75		
0.20	6560	6447	71700	2.0		
0.24	5660	5568	72500	2.3	YQR 147 R77	4
0.27	5120	4926	72900	2.5	YQRF 147 R77	4
0.31	4430	4325	73300	2.9		
0.35	3900	3754	73600	3.3		
0.40	3380	3302	73800	3.8		
0.15	8930	8784	49900	0.90		
0.18	7490	7479	54400	1.05	YQR 137 R77	4
0.20	6880	6559	55600	1.15	YQRF 137 R77	4
0.23	5840	5834	57300	1.35		
0.26	5370	5116	57900	1.50	YQR 137 R77	4
0.30	4540	4464	58900	1.75	YQRF 137 R77	4
0.34	4000	3928	59500	2.0		
0.28	5260	4709	58100	1.50		
0.33	4450	4018	59000	1.80	YQR 137 R77	4
0.38	3850	3514	59600	2.1	YQRF 137 R77	4
0.40	3640	3338	59800	2.2		
0.45	3160	2929	60200	2.5		
0.30	4510	4435	28300	0.95		
0.34	3990	3896	31100	1.10	YQR 107 R77	4
0.43	3190	3039	34300	1.35	YQRF 107 R77	4
0.34	4380	3918	29000	1.00		
0.39	3700	3343	32400	1.15		
0.44	3360	3034	33700	1.30	YQR 107 R77	4
0.50	2910	2653	35200	1.50	YQRF 107 R77	4
0.58	2500	2280	36200	1.70		
0.64	2200	2067	36500	1.95		
0.66	2050	1987	36700	2.1		
0.72	1840	1827	36900	2.3	YQR 107 R77	4
0.83	1580	1599	37200	2.7	YQRF 107 R77	4
0.94	1410	1400	37300	3.1		
1.1	1210	1226	37400	3.6		
0.49	2920	2668	21500	1.05		
0.59	2420	2245	24500	1.25		
0.65	2160	2016	25700	1.40		
0.76	1920	1733	26700	1.55		
0.81	1790	1623	27200	1.70	YQR 97 R57	4
0.92	1570	1434	27600	1.90	YQRF 97 R57	4
1.1	1300	1207	27900	2.3		
1.2	1160	1084	28100	2.6		
1.4	990	934	28200	3.0		
1.5	920	878	28300	3.2		
1.8	785	755	28400	3.8		
0.49	2980	2722	20400	1.00		
0.57	2520	2311	24000	1.20	YQR 97 R57	4
0.64	2270	2078	25200	1.30	YQRF 97 R57	4
0.76	1850	1733	10800	0.85		
0.89	1650	1489	16200	0.95		
0.95	1540	1395	17000	1.00		
1.1	1350	1232	18200	1.15	YQR 87 R57	4
1.1	1250	1145	18700	1.25	YQRF 87 R57	4
1.3	1120	1037	19300	1.40		
1.4	1000	931	19800	1.55		
1.6	850	802	20000	1.85		
0.76	1850	1737	11200	0.85		
0.87	1620	1524	16400	0.95		
1.0	1350	1303	18200	1.15	YQR 87 R57	4
1.2	1180	1143	19100	1.30	YQRF 87 R57	4
1.5	940	885	20000	1.65		
1.7	830	776	20000	1.90		
1.5	950	858	8100	0.85		
1.7	830	757	9800	1.00	YQR 77 R37	4
2.0	735	671	10700	1.10	YQRF 77 R37	4
2.3	620	571	11400	1.35		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
1.6	870	821	9480	0.95		
1.8	780	731	10300	1.05		
2.0	720	646	10800	1.15		
2.4	625	560	11400	1.30	YQR 77 R37	4
2.7	530	488	11900	1.55	YQRF 77 R37	4
3.0	470	436	12200	1.75		
3.5	405	373	12500	2.0		
4.0	355	327	12600	2.3		
4.6	320	289	12800	2.6		
2.3	625	571	7260	0.95	YQR 67 R37	4
2.7	525	486	7350	1.15	YQRF 67 R37	4
2.3	635	574	7140	0.95		
2.7	545	495	8160	1.10		
3.0	465	438	8860	1.30	YQR 67 R37	4
3.4	415	388	9250	1.45	YQRF 67 R37	4
3.8	380	344	9470	1.60		
4.5	310	294	9840	1.95		
5.1	280	261	9960	2.1		
2.9	490	454	6910	0.90	YQR 57 R37	4
3.2	445	410	7130	1.00	YQRF 57 R37	4
2.8	520	471	6000	0.85		
3.7	390	357	7350	1.15		
4.1	345	319	7500	1.30	YQR 57 R37	4
4.8	290	273	7650	1.55	YQRF 57 R37	4
5.5	255	241	7750	1.75		
6.1	225	215	7800	2.0		
3.7	405	359	7280	1.10		
4.1	365	324	7430	1.25		
4.6	325	290	7560	1.40		
5.0	295	262	7650	1.55	YQR 57 R37	4
5.3	275	246	7700	1.65	YQRF 57 R37	4
6.0	240	220	7770	1.85		
7.0	205	188	7840	2.2		
8.3	172	159	7900	2.6		
4.4	335	301	4780	0.90		
5.2	285	255	5510	1.05	YQR 47 R37	4
5.8	250	228	5660	1.20	YQRF 47 R37	4
6.8	210	195	5810	1.40		
6.6	220	199	4650	0.90	YQR 37 R17	4
7.7	192	172	5040	1.05	YQRF 37 R17	4
8.8	167	150	5320	1.20		
5.8	250	226	2090	0.80		
6.5	230	202	4560	0.90	YQR 37 R17	4
7.4	200	179	4950	1.10	YQRF 37 R17	4
8.5	171	156	5270	1.15		
9.4	153	141	4120	0.85		
11	135	124	4210	0.95	YQR 27 R17	4
12	121	110	4280	1.10	YQRF 27 R17	4
14	102	94	4350	1.30		
9.8	148	135	4150	0.90		
11	134	118	4210	0.95	YQR 27 R17	4
13	117	104	4290	1.10	YQRF 27 R17	4
15	101	90	4350	1.30		
4.5	385	195.24	12500	2.1	YQR 77	6
5.2	330	166.59	12700	2.5	YQRF 77	6
6.0	290	145.67	12800	2.8	YQR 77	6
6.3	275	138.39	12900	3.0	YQRF 77	6
7.2	240	121.42	12900	3.4		
6.8	255	195.24	12900	3.2		
7.9	215	166.59	13000	3.8	YQR 77	4
9.1	190	145.67	13000	4.3	YQRF 77	4
9.5	180	138.39	13000	4.6		



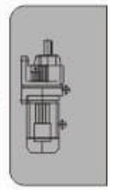
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
4.3	395	199.81	9370	1.50		
4.7	365	184.07	9560	1.65		
5.5	310	158.14	9830	1.90		
6.3	270	137.67	10000	2.2		
6.8	255	128.97	10100	2.3		
7.6	225	113.94	10200	2.7	YQR 67	6
8.2	210	105.83	10200	2.9	YQRF 67	6
9.1	190	95.91	10300	3.2		
10	170	86.11	10300	3.5		
12	147	74.17	10400	4.1		
12	138	69.75	10400	4.3		
6.6	260	119.81	10100	2.3		
7.2	240	184.07	10100	2.5		
8.4	205	158.14	10200	2.9		
9.6	179	137.67	10300	3.3	YQR 67	4
10	168	128.97	10300	3.6	YQRF 67	4
12	148	113.94	10400	4.0		
12	138	105.83	10400	4.3		
4.7	370	186.89	7420	1.20		
5.1	340	172.17	7510	1.30		
5.9	290	147.92	7650	1.55	YQR 57	6
6.8	255	128.77	7740	1.75	YQRF 57	6
7.2	240	120.63	7780	1.90		
7.1	245	186.89	7770	1.85		
7.7	225	172.17	7810	2.0		
8.9	193	147.92	7870	2.3		
10	168	128.77	7900	2.7	YQR 57	4
11	157	120.63	7920	2.9	YQRF 57	4
12	139	106.58	7940	3.2		
13	129	98.99	7950	3.5		
15	117	89.71	7970	3.8		
7.5	230	176.88	5740	1.30		
8.1	210	162.94	5810	1.40		
9.4	182	139.99	5910	1.65		
11	159	121.87	5980	1.90		
12	149	114.17	6000	2.0	YQR 47	4
13	131	100.86	6040	2.3	YQRF 47	4
14	122	93.68	6060	2.5		
16	111	84.90	6080	2.7		
17	99	76.23	6100	3.0		
7.0	245	123.66	3060	0.80		
8.3	210	105.28	4840	0.95	YQR 37	6
9.6	179	90.77	5190	1.10	YQRF 37	6
10	167	84.61	5310	1.20		
9.8	176	134.82	5230	1.15		
11	161	123.66	5370	1.25		
13	137	105.28	5580	1.45		
15	118	90.77	5710	1.70		
16	110	84.61	5760	1.80	YQR 37	4
18	96	73.96	5840	2.1	YQRF 37	4
19	90	69.33	5870	2.2		
22	80	61.18	5920	2.5		
24	73	55.76	5940	2.6		
27	63	48.08	5960	3.2		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
11	161	123.91	4070	0.80		
13	137	105.49	4200	0.95		
15	118	90.96	4280	1.10		
16	110	84.78	4320	1.20		
18	97	74.11	4370	1.35		
19	91	69.47	4380	1.45		
22	80	61.30	4320	1.65	YQR 27	4
24	73	55.87	4210	1.80	YQRF 27	4
27	63	48.17	4040	2.1		
29	59	44.90	3960	2.2		
34	51	39.25	3810	2.5		
36	48	36.79	3740	2.7		
41	42	32.47	3610	3.1		
46	38	28.78	3480	3.5		
54	32	24.47	3310	4.1		
47	37	28.37	3470	3.5		
51	34	26.09	3380	3.8		
59	29	22.32	3220	4.5	YQR 27	4
68	25	19.35	3090	5.2	YQRF 27	4
73	24	18.08	3020	5.5		
84	20	15.63	2890	6.4		
99	17	13.28	2750	7.5		
16	106	81.64	46	0.80		
19	92	70.39	1330	0.95		
20	85	65.61	1740	1.00		
23	75	57.35	2350	1.15		
25	70	53.76	2500	1.20		
28	62	47.44	2450	1.40	YQR 17	4
30	58	44.18	2410	1.50	YQRF 17	4
34	50	38.61	2340	1.70		
36	47	36.20	2300	1.80		
41	42	31.94	2240	2.0		
47	37	28.32	2170	2.3		
55	31	24.07	2080	2.7		
34	50	25.23	2330	1.70	YQR 17	6
38	46	23.15	2290	1.85	YQRF 17	6
44	39	19.71	2200	2.2		
52	33	25.23	2110	2.6		
57	30	23.15	2060	2.8		
67	26	19.71	1970	3.3		
78	22	16.99	1890	3.6		
83	21	15.84	1860	4.1		
95	18	13.84	1790	4.7		
102	17	12.98	1760	5.0		
115	15	11.45	1690	5.4	YQR 17	4
130	13	10.15	1640	5.8	YQRF 17	4
153	11	8.63	1560	6.4		
175	9.8	7.55	1480	5.7		
188	9.2	7.04	1450	6.0		
215	8.0	6.15	1390	6.8		
229	7.5	5.76	1370	7.1		
259	6.6	5.09	1320	7.7		
293	5.9	4.51	1270	8.1		
344	5.0	3.83	1210	9.0		
268	6.4	10.15	1310	12		
315	5.5	8.63	1250	13		
360	4.8	7.55	1190	12		
387	4.4	7.04	1160	13	YQR 17	2
442	3.9	6.15	1120	14	YQRF 17	2
472	3.6	5.76	1090	15		
535	3.2	5.09	1050	16		
603	2.8	4.51	1010	17		
710	2.4	3.83	960	19		
143	12	6.07	4940	3.6		
168	10	5.18	4690	7.3	YQRX 67	6
192	8.9	4.53	4490	9.2	YQRXF 67	6
202	8.5	4.30	4410	9.4		



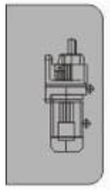
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
218	7.9	6.07	4310	5.4		
255	6.7	5.18	4090	11		
292	5.9	4.53	3920	14		
307	5.6	4.30	3850	14		
350	4.9	3.77	3690	18		
413	4.2	3.20	3500	24	YQRX 67	4
457	3.8	2.89	3380	28	YQRXF 67	4
519	3.3	2.54	3240	36		
550	3.1	2.40	3180	40		
646	2.7	2.04	3020	50		
158	11	5.50	3880	3.6		
172	10	5.07	3780	3.6	YQRX 57	6
200	8.6	4.35	3600	7.9	YQRXF 57	6
230	7.5	3.79	3440	9.2		
240	7.2	5.50	3400	5.4		
261	6.6	5.07	3310	5.4		
303	5.7	4.35	3150	12		
348	4.9	3.79	3010	14		
372	4.6	3.55	2950	15		
421	4.1	3.14	2830	16	YQRX 57	4
453	3.8	2.91	2760	18	YQRXF 57	4
500	3.4	2.64	2670	20		
557	3.1	2.37	2580	22		
647	2.7	2.04	2460	26		
688	2.5	1.92	2410	28		
799	2.2	1.65	2290	31		
0.25kW						
0.13	15000	9743	50700	0.85		
0.15	12700	8443	63200	1.00		
0.18	11000	7307	66300	1.20		
0.20	9700	6447	68200	1.35	YQR 147 R77	4
0.23	8380	5568	69900	1.55	YQRF 147 R77	4
0.26	7520	4926	70800	1.75		
0.30	6540	4325	71800	2.0		
0.35	5730	3754	72400	2.3		
0.39	4990	3302	73000	2.6		
0.45	4360	2898	73300	3.0		
0.22	8680	5834	51000	0.90		
0.25	7860	5116	53700	1.00	YQR 137 R77	4
0.29	6720	4464	55900	1.20	YQRF 137 R77	4
0.33	5910	3928	57200	1.35		
0.28	7600	4709	54200	1.05		
0.32	6440	4018	56300	1.25	YQR 137 R77	4
0.37	5590	3514	57600	1.45	YQRF 137 R77	4
0.39	5290	3338	58000	1.50		
0.44	4610	2929	58900	1.75		
0.49	4090	2658	59400	1.95		
0.54	3710	2412	59800	2.2		
0.63	3190	2073	60200	2.5	YQR 137 R77	4
0.71	2760	1839	60500	2.9	YQRF 137 R77	4
0.93	2130	1397	60900	3.8		
1.1	1850	1226	61000	4.3		
0.43	4670	3039	27300	0.90	YQR 107 R77	4
					YQRF 107 R77	4
0.43	4860	3034	20600	0.90	YQR 107 R77	4
					YQRF 107 R77	4
0.65	3030	1987	34800	1.40		
0.71	2740	1827	35700	1.55		
0.81	2370	1599	36300	1.80	YQR 107 R77	4
0.93	2100	1400	36700	2.0	YQRF 107 R77	4
1.1	1810	1226	37000	2.4		
1.4	1410	939	37300	3.0		
1.6	1220	822	37400	3.5		
0.64	3160	2016	12400	0.95	YQR 97 R57	4
0.75	2780	1733	22500	1.10	YQRF 97 R57	4
0.80	2590	1623	23600	1.15		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.25kW						
0.71	2870	1823	21800	1.05		
0.82	2490	1583	24100	1.20		
0.93	2160	1396	25700	1.40		
1.1	1880	1228	26800	1.60	YQR 97 R57	4
1.2	1700	1069	27400	1.75	YQRF 97 R57	4
1.4	1480	938	27700	2.0		
1.6	1260	824	27900	2.4		
1.8	1130	737	28100	2.7		
2.1	970	632	28300	3.1		
1.1	1810	1145	13800	0.85		
1.2	1630	1037	16300	0.95	YQR 87 R57	4
1.4	1460	931	17500	1.05	YQRF 87 R57	4
1.6	1250	802	18700	1.25		
1.1	1750	1143	15400	0.90		
1.5	1380	885	18000	1.10		
1.7	1210	776	18900	1.30		
1.9	1070	685	19600	1.45	YQR 87 R57	4
2.2	900	599	20000	1.70	YQRF 87 R57	4
2.5	795	525	20000	1.95		
2.8	695	456	20000	2.2		
4.9	405	268	20000	3.8		
2.3	900	571	9110	0.90	YQR 77 R37	4
					YQRF 77 R37	4
2.3	900	560	9110	0.90		
2.7	775	488	10300	1.05		
3.0	690	436	11000	1.20	YQR 77 R37	4
3.5	590	373	11600	1.40	YQRF 77 R37	4
4.0	520	327	12000	1.60		
4.5	460	289	12300	1.80		
5.0	410	260	12400	2.0		
5.8	345	224	12700	2.4		
3.3	605	388	7490	1.00		
3.8	550	344	8120	1.10		
4.4	455	294	8950	1.30	YQR 67 R37	4
5.0	410	261	9260	1.45	YQRF 67 R37	4
5.6	370	234	9520	1.60		
6.5	315	200	9820	1.90		
7.4	270	176	10000	2.2		
8.2	245	158	10100	2.5		
3.4	630	384	7220	0.95		
3.6	585	359	7730	1.05		
4.2	505	310	8560	1.20	YQR 67 R37	4
4.9	425	264	9180	1.40	YQRF 67 R37	4
5.5	375	235	9480	1.60		
5.5	320	201	9790	1.90		
7.2	290	181	9940	2.1		
4.1	505	319	6590	0.90		
4.8	425	273	7200	1.05		
5.4	375	241	7410	1.20	YQR 57 R37	4
6.1	335	215	7540	1.35	YQRF 57 R37	4
6.9	295	187	7650	1.55		
7.9	255	164	7740	1.75		
9.2	220	142	7810	2.0		
4.0	530	324	5580	0.85		
4.5	470	290	7010	0.95	YQR 57 R37	4
5.0	425	262	7210	1.05	YQRF 57 R37	4
5.3	395	246	7320	1.15		
5.9	355	220	7470	1.30		
5.7	365	228	3070	0.80		
6.7	310	195	5370	0.95	YQR 47 R37	4
7.1	290	182	5480	1.05	YQRF 47 R37	4
8.5	240	154	5700	1.25		
8.7	240	150	3420	0.85		
10	205	130	4870	0.95	YQR 37 R17	4
10	196	124	5000	1.00	YQRF 37 R17	4
12	174	110	5250	1.15		
14	148	94	5490	1.35		



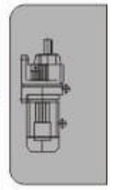
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.25kW						
8.4	250	156	2350	0.80		
9.7	215	135	4740	0.95	YQR 37 R17	4
10	210	127	4840	0.95	YQRF 37 R17	4
13	169	104	5290	1.20		
14	146	90	5500	1.35		
2.3	1020	289.74	28200	3.0	YQR 97	8
2.7	900	255.71	28300	3.3	YQRF 97	8
2.8	850	241.25	28400	3.5		
3.1	760	216.28	28400	4.0		
2.8	870	246.54	20000	1.80		
3.1	760	216.54	20000	2.0	YQR 87	8
3.3	720	205.71	20000	2.2	YQRF 87	8
3.7	640	181.77	20000	2.4		
4.1	585	166.59	11600	1.40		
4.7	510	145.67	12000	1.60	YQR 77	8
4.9	485	138.39	12100	1.70	YQRF 77	8
5.6	425	121.42	12400	1.90		
4.5	530	195.24	11900	1.55	YQR 77	6
5.3	450	166.59	12300	1.80	YQRF 77	6
6.0	395	145.67	12500	2.1		
6.7	360	195.24	12600	2.3		
7.8	305	166.59	12800	2.7	YQR 77	4
8.9	270	145.67	12900	3.1	YQRF 77	4
9.4	255	138.39	12900	3.2		
11	225	121.42	13000	3.7		
4.3	555	158.14	8060	1.10		
4.9	485	137.67	8730	1.25	YQR 67	8
5.3	455	128.97	8970	1.35	YQRF 67	8
6.0	400	113.94	9340	1.50		
4.4	540	199.81	8190	1.10		
4.8	500	184.07	8590	1.20		
5.6	430	158.14	9140	1.40		
6.4	375	137.67	9500	1.60	YQR 67	6
6.8	350	128.97	9630	1.70	YQRF 67	6
7.7	310	113.94	9840	1.95		
8.3	285	105.83	9940	2.1		
6.5	365	199.81	9540	1.65		
7.1	340	184.07	9700	1.80		
8.2	290	158.14	9930	2.1		
9.4	255	137.67	10100	2.4		
10	235	128.94	10100	2.5	YQR 67	4
11	210	113.94	10200	2.9	YQRF 67	4
12	194	105.83	10300	3.1		
14	176	95.91	10300	3.4		
15	158	86.11	10400	3.8		
4.7	505	186.89	6450	0.90		
5.1	465	172.17	7030	0.95		
5.9	400	147.92	7300	1.10		
6.8	350	128.77	7480	1.30	YQR 57	6
7.3	325	120.63	7550	1.35	YQRF 57	6
8.3	290	106.58	7660	1.55		
8.9	270	98.99	7710	1.70		
7.0	345	186.89	7500	1.30		
7.6	315	172.17	7590	1.40		
8.8	270	147.92	7700	1.65		
10	235	128.77	7780	1.90		
11	220	120.63	7810	2.0	YQR 57	4
12	196	106.58	7860	2.3	YQRF 57	4
13	182	98.99	7880	2.5		
14	165	89.71	7910	2.7		
16	148	80.55	7930	3.0		
19	127	69.23	7960	3.5		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.25kW						
7.3	325	176.88	5280	0.90		
8.0	300	162.94	5420	1.00		
9.3	255	139.99	5630	1.15		
11	225	121.87	5770	1.35		
11	210	114.17	5820	1.45		
13	185	100.86	5900	1.60		
14	172	93.68	5940	1.75	YQR 47	4
15	156	84.90	5980	1.90	YQRF 47	4
17	140	76.23	6020	2.1		
19	126	68.54	6050	2.4		
20	118	64.21	6070	2.5		
23	104	56.73	6090	2.9		
25	97	52.69	6100	3.1		
27	88	47.75	6080	3.4		
9.6	250	134.82	2630	0.80		
11	225	123.66	4560	0.90		
12	193	105.28	5030	1.05		
14	167	90.77	5320	1.20		
15	155	84.61	5420	1.30		
18	136	73.96	5590	1.45		
19	127	69.33	5650	1.55	YQR 37	4
21	112	61.18	5750	1.80	YQRF 37	4
23	102	55.76	5800	1.95		
27	88	48.08	5870	2.3		
29	82	44.81	5760	2.4		
33	72	39.17	5540	2.8		
35	67	36.72	5430	3.0		
40	60	32.40	5230	3.4		
15	156	84.78	4100	0.85		
18	136	74.11	4210	0.95		
19	128	69.47	4250	1.00		
21	113	61.30	4190	1.15		
23	103	55.87	4090	1.25		
27	89	48.17	3940	1.45	YQR 27	4
29	83	44.90	3870	1.60	YQRF 27	4
33	72	39.25	3730	1.80		
35	68	36.79	3670	1.90		
40	60	32.47	3540	2.2		
45	53	28.78	3420	2.5		
53	45	24.47	3270	2.9		
46	52	28.37	3410	2.5		
50	48	26.09	3330	2.7		
58	41	22.32	3180	3.2		
67	36	19.35	3050	3.7		
72	33	18.08	2990	3.9		
83	29	15.63	2860	4.5		
98	24	13.28	2730	5.3		
110	22	11.86	2630	5.9		
128	19	10.13	2510	6.6	YQR 27	4
138	17	9.41	2440	7.1	YQRF 27	4
159	15	8.16	2330	7.7		
170	14	7.63	2290	8.0		
197	12	6.59	2180	8.8		
232	10	5.60	2080	9.6		
260	9.2	5.00	2000	10		
304	7.8	4.27	1910	11		
325	7.3	4.00	1870	12		
386	6.2	3.37	1770	13		
23	105	57.35	156	0.80		
24	99	53.76	785	0.85		
27	87	47.44	1630	1.00		
29	81	44.18	2000	1.05	YQR 17	4
34	71	38.61	2200	1.20	YQRF 17	4
36	67	36.20	2180	1.30		
41	59	31.94	2130	1.45		
46	52	28.32	2070	1.65		
54	44	24.07	2000	1.90		



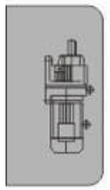
Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kW						
52	46	25.23	2020	1.85		
56	43	23.15	1980	2.0		
66	36	19.71	1910	2.3		
77	31	16.99	1840	2.7		
82	29	15.84	1810	2.9		
94	25	13.84	1750	3.3		
100	24	12.98	1720	3.6		
114	21	11.45	1660	3.9		
128	19	10.15	1600	4.1	YQR 17	4
151	16	8.63	1530	4.6	YQRF 17	4
172	14	7.55	1450	4.0		
185	13	7.04	1420	4.3		
211	11	6.15	1370	4.8		
226	11	5.76	1350	5.0		
256	9.3	5.09	1300	5.5		
288	8.3	4.51	1250	5.8		
339	7.0	3.83	1190	6.4		
433	5.5	6.15	1110	9.8		
461	5.2	5.76	1090	10	YQR 17	2
523	4.6	5.09	1050	11	YQRF 17	2
590	4.0	4.51	1010	12		
694	3.4	3.83	960	13		
145	17	6.07	4890	2.6		
170	14	5.18	4650	5.4	YQRX 67	6
194	12	4.53	4450	6.7	YQRXF67	6
205	12	4.30	4380	6.8		
214	11	6.07	4310	3.9		
251	9.5	5.18	4100	7.9		
287	8.3	4.53	3920	9.9		
302	7.9	4.30	3860	10		
345	6.9	3.77	3700	13	YQRX 67	4
406	5.9	3.20	3500	17	YQRXF67	4
450	5.3	2.89	3390	20		
511	4.7	2.54	3250	25		
542	4.4	2.40	3190	28		
636	3.8	2.04	3020	35		
160	15	5.50	3840	2.6		
174	14	5.07	3740	2.6	YQRX 57	6
202	12	4.35	3560	5.8	YQRXF57	6
232	10	3.79	3410	6.7		
236	10	5.50	3390	3.9		
257	9.3	5.07	3300	3.9		
299	8.0	4.35	3150	8.5		
343	7.0	3.79	3010	9.9		
366	6.5	3.55	2950	11		
414	5.8	3.14	2830	11	YQRX 57	4
446	5.3	2.91	2760	13	YQRXF57	4
492	4.8	2.64	2680	14		
548	4.4	2.37	2580	16		
637	3.7	2.04	2460	19		
677	3.5	1.92	2410	20		
787	3.0	1.65	2300	23		
0.37kW						
0.19	15800	7307	39000	0.80		
0.21	14000	6447	60600	0.95		
0.25	12100	5568	64400	1.10		
0.28	10800	4926	66600	1.20	YQR 147 R77	4
0.32	9400	4325	68600	1.40	YQRF 147 R77	4
0.37	8210	3754	70100	1.60		
0.42	7180	3302	71200	1.80		
0.48	6280	2898	72000	2.1		
0.31	9570	4464	40700	0.85	YQR 137 R77	4
0.35	8510	3928	51800	0.95	YQRF 137 R77	4
0.34	9140	4018	48900	0.90		
0.39	7950	3514	53500	1.00	YQR 137 R77	4
0.41	7540	3338	54300	1.05	YQRF 137 R77	4
0.47	6580	2929	56100	1.20		
0.56	5540	2484	57700	1.45		
0.62	4980	2242	58400	1.60		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
0.52	5880	2658	57200	1.35		
0.57	5330	2412	58000	1.50		
0.67	4580	2073	58900	1.75		
0.75	3990	1839	59500	2.0	YQR 137 R77	4
0.99	3070	1397	60300	2.6	YQRF137 R77	4
1.1	2670	1226	60600	3.0		
1.3	2400	1090	60700	3.3		
1.5	2090	951	60900	3.8		
0.67	4610	2067	27700	0.95		
0.82	3760	1693	32100	1.15		
0.89	3410	1550	33500	1.25	YQR 107 R77	4
0.98	3090	1407	34600	1.40	YQRF107 R77	4
1.1	2660	1209	35900	1.60		
1.3	2320	1055	36400	1.85		
0.69	4370	1987	29100	1.00		
0.76	3970	1827	31100	1.10		
0.86	3440	1599	33400	1.25	YQR 107 R77	4
0.99	3040	1400	34800	1.40	YQRF107 R77	4
1.1	2640	1226	36000	1.65		
1.5	2040	939	36700	2.1		
1.7	1770	822	37000	2.4		
0.96	3240	1434	4430	0.95	YQR 97 R57	4
1.1	2710	1207	22900	1.10	YQRF97 R57	4
1.3	2430	1084	24500	1.25		
0.99	3100	1396	15400	0.95		
1.1	2710	1228	22900	1.10		
1.3	2410	1069	24500	1.25		
1.5	2110	938	25900	1.40		
1.7	1820	824	27100	1.65	YQR 97 R57	4
1.9	1630	737	27500	1.85	YQRF97 R57	4
2.2	1390	632	27800	2.2		
3.2	960	431	28300	3.1		
3.6	840	379	28400	3.6		
4.1	745	336	28400	4.0		
1.7	1780	802	15100	0.85	YQR 87 R57	4
1.8	1670	754	16000	0.95	YQRF87 R57	4
2.1	1430	649	17700	1.10		
1.8	1730	776	15500	0.90		
2.0	1530	685	17100	1.00		
2.3	1310	599	18400	1.20	YQR 87 R57	4
2.6	1150	525	19200	1.35	YQRF87 R57	4
3.0	1000	456	19800	1.55		
5.2	585	268	20000	2.7		
5.8	515	236	20000	3.0		
2.6	1230	538	18800	1.25		
2.9	1080	472	19500	1.45	YQR 87 R57	4
3.5	910	400	20000	1.70	YQRF87 R57	4
3.8	810	361	20000	1.90		
3.2	980	436	5390	0.85		
3.7	840	373	9720	0.95		
4.2	740	327	10600	1.10		
4.8	655	289	11200	1.25	YQR 77 R37	4
5.3	585	260	11600	1.40	YQRF77 R37	4
6.2	500	224	12100	1.65		
7.0	435	197	12400	1.90		
8.1	380	169	12600	2.2		
9.3	335	149	12700	2.5		
4.7	650	294	6230	0.90		
5.3	585	261	7710	1.00	YQR 67 R37	4
5.9	525	234	8340	1.15	YQRF67 R37	4
6.9	450	200	9010	1.35		
2.7	1330	255.71	27900	2.3		
2.8	1250	241.25	28000	2.4	YQR 97	8
3.1	1120	216.28	28100	2.7	YQRF97	8
3.7	970	186.30	28300	3.1		



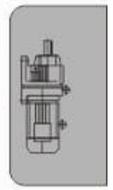
Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
3.1	1140	289.74	28100	2.6		
3.5	1000	255.71	28200	3.0	YQR 97	6
3.7	950	241.25	28300	3.2	YQRF 97	6
4.2	850	216.28	28400	3.5		
3.1	1130	216.54	19300	1.40		
3.3	1070	205.71	19600	1.45	YQR 87	8
3.7	940	181.77	20000	1.65	YQRF 87	8
3.7	970	246.54	20000	1.60		
4.2	850	216.54	20000	1.80		
4.4	810	205.71	20000	1.90	YQR 87	6
4.9	715	181.77	20000	2.2	YQRF 87	6
5.8	610	155.34	20000	2.5		
6.3	560	142.41	20000	2.8		
4.7	755	145.67	10500	1.10		
4.9	720	138.39	10800	1.15	YQR 77	8
5.6	630	121.42	11400	1.30	YQRF 77	8
5.4	655	166.59	11200	1.25		
6.2	570	145.67	11700	1.45	YQR 77	6
6.5	545	138.39	11900	1.50	YQRF 77	6
7.1	500	195.24	12100	1.65		
8.3	425	166.59	12400	1.90		
9.5	375	145.67	12600	2.2	YQR 77	4
10	355	138.39	12600	2.3	YQRF 77	4
11	310	121.42	12800	2.6		
13	265	102.99	12900	3.1		
15	240	92.97	12900	3.5		
5.7	620	158.14	7300	0.95		
6.5	540	137.67	8210	1.10	YQR 67	6
7.0	505	128.97	8530	1.20	YQRF 67	6
7.9	445	113.94	9010	1.35		
6.9	510	199.81	8480	1.15		
7.5	470	184.07	8820	1.25		
8.7	405	158.14	9310	1.50		
10	355	137.67	9620	1.70		
11	330	128.97	9740	1.80		
12	290	113.94	9920	2.1		
13	270	105.83	10000	2.2	YQR 67	4
14	245	95.91	10100	2.4	YQRF 67	4
16	220	86.11	10200	2.7		
19	190	74.17	10300	3.2		
20	179	69.75	10300	3.4		
23	157	61.26	10400	3.8		
24	146	56.89	10400	4.1		
7.0	505	128.77	6510	0.90		
7.5	475	120.63	7000	0.95	YQR 57	6
8.4	420	106.58	7240	1.10	YQRF 57	6
9.1	390	98.99	7350	1.15		
7.4	480	186.89	6980	0.95		
8.0	440	172.17	7140	1.00		
9.3	380	147.92	7390	1.20		
11	330	128.77	7550	1.35		
11	310	120.63	7610	1.45		
13	275	106.58	7700	1.65		
14	255	98.99	7750	1.80	YQR 57	4
15	230	89.71	7800	1.95	YQRF 57	4
17	205	80.55	7840	2.2		
20	177	69.23	7890	2.5		
21	166	64.85	7910	2.7		
24	147	57.29	7760	3.1		
26	136	53.22	7600	3.3		
29	124	48.23	7380	3.6		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
9.9	360	139.99	3490	0.85		
11	310	121.87	5350	0.95		
12	290	114.17	5460	1.05		
14	260	100.86	5630	1.15		
15	240	93.68	5700	1.25		
16	215	84.90	5790	1.40		
18	195	76.23	5870	1.55		
20	176	68.54	5930	1.70	YQR 47	4
21	164	64.21	5960	1.80	YQRF 47	4
24	145	56.73	6010	2.1		
26	135	52.69	5990	2.2		
29	122	47.75	5820	2.5		
32	110	42.87	5650	2.7		
37	95	36.93	5410	3.2		
40	89	34.73	5310	3.4		
41	87	33.79	5270	2.8		
44	80	31.12	5150	2.8	YQR 47	4
52	69	26.74	4920	4.4	YQRF 47	4
59	60	23.28	4720	5.0		
63	56	21.81	4620	5.4		
15	230	90.77	4250	0.85	YQR 47	4
16	215	84.61	4720	0.90	YQRF 47	4
19	189	73.96	5070	1.05		
20	178	69.33	5210	1.15		
23	157	61.18	5410	1.30		
25	143	55.76	5530	1.40		
29	123	48.08	5590	1.60		
31	115	44.81	5480	1.75	YQR 37	4
35	100	39.17	5290	2.0	YQRF 37	4
38	94	36.72	5190	2.1		
43	83	32.40	5010	2.4		
48	74	28.73	4850	2.7		
57	63	24.42	4620	3.2		
49	73	27.32	4830	2.8		
53	67	26.03	4710	2.8	YQR 37	4
62	57	22.27	4500	3.5	YQRF 37	4
71	49	19.31	4320	4.1		
76	46	18.05	4230	4.3		
88	40	15.60	4050	5.0	YQR 37	4
104	34	13.25	3850	5.6	YQRF 37	4
117	30	11.83	3720	6.0		
23	157	61.30	3870	0.85		
25	143	55.87	3800	0.90		
29	123	48.17	3680	1.05		
31	115	44.90	3620	1.15	YQR 27	4
35	101	39.25	3510	1.30	YQRF 27	4
38	94	36.79	3460	1.40		
43	83	32.47	3350	1.55		
48	74	28.78	3250	1.75		
56	63	24.47	3110	2.1		
49	73	28.37	3240	1.80		
53	67	26.09	3170	1.95		
62	57	22.32	3040	2.3	YQR 27	4
71	50	19.35	2920	2.6	YQRF 27	4
76	46	18.08	2860	2.8		
88	40	15.63	2750	3.2		
104	34	13.28	2620	3.8		
36	99	38.61	770	0.85		
38	93	36.20	1260	0.90	YQR 17	4
43	82	31.94	1910	1.05	YQRF 17	4
49	73	28.32	1880	1.15		
57	62	24.07	1830	1.40		



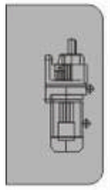
Output speed n_2 [r/min]	Output torque M_2 [N·m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.37kW						
55	65	25.23	1840	1.60		
60	59	23.15	1820	1.45		
70	51	19.71	1760	1.70		
81	44	16.99	1710	1.95		
87	41	15.84	1680	2.1		
100	35	13.84	1630	2.4		
106	33	12.98	1610	2.6		
121	29	11.45	1560	2.8		
136	26	10.15	1520	3.0	YQR 17	4
160	22	8.63	1460	3.3	YQRF 17	4
183	19	7.55	1370	2.9		
196	18	7.04	1350	3.1		
224	16	6.15	1300	3.4		
239	15	5.76	1280	3.6		
271	13	5.09	1240	3.9		
306	12	4.51	1200	4.2		
360	9.8	3.83	1150	4.6		
191	19	13.84	1390	4.6		
204	17	12.98	1360	4.9		
231	15	11.45	1320	5.3		
261	14	10.15	1270	5.7		
307	12	8.63	1220	6.3		
351	10	7.55	1150	5.5	YQR 17	2
377	9.4	7.04	1130	5.8	YQRF 17	2
431	8.2	6.15	1090	6.6		
460	7.7	5.76	1070	6.9		
521	6.8	5.09	1030	7.5		
588	6.0	4.51	990	8.0		
691	5.1	3.83	950	8.8		
174	20	5.18	4570	3.7		
199	18	4.53	4380	4.6	YQRX 67	6
209	17	4.30	4310	4.7	YQRXF67	6
239	15	3.77	4130	5.9		
227	16	6.07	4200	2.8		
267	13	5.18	3990	5.6		
305	12	4.53	3820	7.1		
321	11	4.30	3760	7.3		
366	9.7	3.77	3610	9.0	YQRX 67	4
431	8.2	3.20	3420	12	YQRXF67	4
478	7.4	2.89	3310	14		
543	6.5	2.54	3170	18		
575	6.1	2.40	3110	20		
675	5.2	2.04	2950	26		
207	17	4.35	3500	4.0	YQRX 57	6
238	15	3.79	3350	4.6	YQRXF57	6
254	14	3.55	3280	5.0		
251	14	5.50	3300	2.8		
272	13	5.07	3210	2.8		
317	11	4.35	3060	6.1		
364	9.7	3.79	2930	7.1		
389	9.1	3.55	2870	7.6		
440	8.0	3.14	2760	8.1	YQRX 57	4
474	7.5	2.91	2690	8.9	YQRXF57	4
523	6.8	2.64	2610	10		
582	6.1	2.37	2520	11		
676	5.2	2.04	2400	13		
719	4.9	1.92	2350	14		
835	4.2	1.65	2240	16		
0.55kW						
0.22	19800	6077	120000	0.90		
0.25	17600	5407	120000	1.00	YQR 167 R97	4
0.29	15100	4650	120000	1.20	YQRF 167 R97	4
0.33	13300	4129	120000	1.35		
0.28	16600	4926	26300	0.80		
0.31	14500	4325	55900	0.90		
0.36	12700	3754	63300	1.05	YQR 147 R77	4
0.41	11100	3302	66100	1.15	YQRF 147 R77	4
0.47	9720	2898	68200	1.35		

Output speed n_2 [r/min]	Output torque M_2 [N·m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kW						
0.53	8730	2555	69500	1.50		
0.62	7560	2211	70800	1.70		
0.70	6670	1951	71600	1.95	YQR 147 R77	4
0.80	5730	1705	72400	2.3	YQRF 147 R77	4
0.89	5140	1536	72900	2.5		
1.0	4450	1329	73300	2.9		
1.2	3880	1166	73600	3.3		
0.55	8540	2484	51700	0.95	YQR 137 R77	4
					YQRF 137 R77	4
0.51	9080	2658	49200	0.90		
0.56	8240	2412	52900	0.95		
0.66	7090	2073	55200	1.15		
0.74	6210	1839	56700	1.30		
0.85	5350	1598	58000	1.50		
0.97	4760	1397	58700	1.70	YQR 137 R77	4
1.1	4150	1226	59400	1.95	YQRF 137 R77	4
1.2	3710	1090	59800	2.2		
1.4	3240	951	60200	2.5		
1.6	2780	831	60500	2.9		
0.97	4790	1407	23400	0.90		
1.1	4120	1209	30400	1.05		
1.3	3590	1055	32800	1.20	YQR 107 R77	4
1.5	3140	919	34500	1.35	YQRF 107 R77	4
1.7	2790	815	35600	1.55		
1.9	2450	717	36200	1.75		
2.2	2140	626	36600	2.0		
0.97	4730	1400	26500	0.90		
1.1	4120	1226	30400	1.05	YQR 107 R77	4
1.2	3690	1104	32400	1.15	YQRF 107 R77	4
1.5	3170	939	34400	1.35		
1.7	2760	822	35700	1.55		
1.5	3240	938	4620	0.95		
1.6	2810	824	22200	1.05		
1.8	2520	737	24000	1.20		
2.2	2160	632	25700	1.40		
2.4	1880	560	26800	1.60	YQR 97 R57	4
2.8	1640	484	27400	1.85	YQRF 97 R57	4
3.2	1480	431	27700	2.0		
3.6	1290	379	27900	2.3		
4.0	1150	336	28100	2.6		
4.6	1010	296	28200	3.0		
5.5	840	249	28400	3.6		
2.6	1780	525	15100	0.85		
3.0	1550	456	16900	1.00	YQR 87 R57	4
3.4	1340	398	18200	1.15	YQRF 87 R57	4
3.9	1190	352	19000	1.30		
4.4	1030	305	19700	1.50		
2.9	1650	472	16200	0.95	YQR 87 R57	4
3.4	1400	400	17900	1.10	YQRF 87 R57	4
3.8	1260	361	18700	1.25		
4.9	970	276	6420	0.85		
5.8	830	236	9860	1.00	YQR 77 R37	4
6.2	775	221	10300	1.05	YQRF 77 R37	4
7.3	650	186	11300	1.25		
2.7	1980	255.71	26500	1.50	YQR 97	8
2.8	1860	241.25	26900	1.60	YQRF 97	8
3.1	1670	216.28	27400	1.80		
3.0	1690	289.74	27400	1.75		
3.5	1490	255.71	27700	2.0	YQR 97	6
3.7	1410	241.25	27800	2.1	YQRF 97	6
4.2	1260	216.28	28000	2.4		
4.7	1120	289.74	28100	2.7		
5.3	990	255.71	28200	3.0	YQR 97	4
5.6	930	241.25	28300	3.2	YQRF 97	4
6.3	840	216.28	28400	3.6		



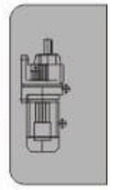
Output speed n_2 [r/min]	Output torque M_2 [N·m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kW						
3.7	1440	246.54	17700	1.10		
4.2	1260	216.54	18700	1.25	YQR 87	6
4.4	1200	205.71	19000	1.30	YQRF 87	6
4.9	1060	181.77	19600	1.45		
5.8	910	155.34	20000	1.70		
5.5	950	246.54	20000	1.65		
6.3	840	216.54	20000	1.85		
6.6	795	205.71	20000	1.95		
7.5	700	181.77	20000	2.2		
8.8	600	155.34	20000	2.6	YQR 87	4
9.6	550	142.41	20000	2.8	YQRF 87	4
11	485	124.97	20000	3.2		
11	455	118.43	20000	3.4		
13	400	103.65	20000	3.9		
8.2	645	166.59	11300	1.25		
9.3	565	145.67	11800	1.45		
9.8	535	138.39	11900	1.55		
11	470	121.42	12200	1.75		
13	400	102.99	12500	2.1	YQR 77	4
15	360	92.97	12600	2.3	YQRF 77	4
17	315	81.80	12800	2.6		
18	300	77.24	12800	2.8		
21	255	65.77	12900	3.2		
8.6	610	158.14	7430	1.00		
9.9	530	137.67	8290	1.15		
11	500	128.97	8600	1.20		
12	440	113.94	9060	1.35		
13	410	105.83	9280	1.45		
14	370	95.91	9520	1.60	YQR 67	4
16	335	86.11	9730	1.80	YQRF 67	4
18	285	74.17	9940	2.1		
20	270	69.75	10000	2.2		
22	235	61.26	10100	2.5		
24	220	56.89	10200	2.7		
11	465	120.63	7030	0.95		
13	410	106.58	7260	1.10		
14	380	98.99	7370	1.20		
15	345	89.71	7490	1.30		
17	310	80.55	7600	1.45		
20	265	69.23	7710	1.70	YQR 57	4
21	250	64.85	7750	1.80	YQRF 57	4
24	220	57.29	7530	2.0		
26	205	53.22	7390	2.2		
28	186	48.23	7190	2.4		
31	167	43.30	6980	2.7		
36	144	37.30	6700	3.1		
39	136	35.07	6580	3.3		
52	102	26.31	6060	4.4		
54	97	24.99	5970	4.7	YQR 57	4
62	85	21.93	5740	5.3	YQRF 57	4
73	72	18.60	5460	6.3		
15	360	93.68	3280	0.85		
16	330	84.90	5230	0.90		
18	295	76.23	5450	1.00		
20	265	68.54	5600	1.15		
21	250	64.21	5670	1.20		
24	220	56.73	5790	1.35	YQR 47	4
26	205	52.69	5770	1.45	YQRF 47	4
28	184	47.75	5630	1.65		
32	166	42.87	5470	1.80		
37	143	36.93	5260	2.1		
39	134	34.73	5180	2.2		
46	115	29.88	4970	2.6		
51	103	26.74	4820	2.9	YQR 47	4
58	90	23.28	4630	3.3	YQRF 47	4
62	84	21.81	4550	3.6		

Output speed n_2 [r/min]	Output torque M_2 [N·m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kW						
22	235	61.18	3910	0.85		
24	215	55.76	4740	0.95		
28	186	48.08	5120	1.10		
30	173	44.81	5230	1.15	YQR 37	4
35	151	39.17	5070	1.30	YQRF 37	4
37	142	36.72	4990	1.40		
42	125	32.40	4840	1.60		
47	111	28.73	4700	1.80		
56	94	24.42	4500	2.1		
61	86	22.27	4390	2.3		
70	75	19.31	4220	2.7		
75	70	18.05	4140	2.9	YQR 37	4
87	60	15.60	3970	3.3	YQRF 37	4
103	51	13.25	3790	3.7		
115	46	11.83	3670	4.0		
35	152	39.25	3280	0.85		
37	142	36.79	3240	0.90	YQR 27	4
42	125	32.47	3160	1.05	YQRF 27	4
47	111	28.78	3080	1.15		
56	95	24.47	2970	1.40		
61	86	22.32	2910	1.50		
70	75	19.35	2810	1.75		
75	70	18.08	2760	1.85		
87	60	15.63	2660	2.2		
102	51	13.28	2550	2.5		
115	46	11.86	2470	2.8		
134	39	10.13	2370	3.1		
145	36	9.41	2290	3.4	YQR 27	4
167	32	8.16	2200	3.7	YQRF 27	4
178	29	7.63	2160	3.8		
206	26	6.59	2070	4.2		
243	22	5.60	1980	4.6		
272	19	5.00	1910	4.9		
318	17	4.27	1830	5.3		
340	15	4.00	1790	5.5		
404	13	3.37	1700	6.1		
50	105	53.76	235	0.80		
57	92	47.44	1280	0.90	YQR 17	2
61	86	44.18	1610	1.00	YQRF 17	2
70	75	38.61	1590	1.15		
69	76	19.71	1590	1.10		
80	66	16.99	1560	1.30		
86	61	15.84	1550	1.40		
98	54	13.84	1510	1.60		
105	50	12.98	1500	1.70		
119	44	11.45	1460	1.85		
134	39	10.15	1430	1.95	YQR 17	4
158	33	8.63	1380	2.2	YQRF 17	4
180	29	7.55	1290	1.90		
193	27	7.04	1270	2.0		
221	24	6.15	1240	2.3		
236	22	5.76	1220	2.4		
267	20	5.09	1190	2.6		
302	17	4.51	1150	2.8		
355	15	3.83	1110	3.0		
313	17	8.63	1170	4.3		
358	15	7.55	1100	3.8		
384	14	7.04	1080	4.0		
439	12	6.15	1050	4.5	YQR 17	2
468	11	5.76	1030	4.7	YQRF 17	2
531	9.9	5.09	990	5.2		
599	8.8	4.51	960	5.4		
704	7.5	3.83	920	6.0		
174	30	5.18	4510	2.5		
199	26	4.53	4320	3.1	YQRX 67	6
209	25	4.30	4260	3.2	YQRXF 67	6
239	22	3.77	4090	4.0		



Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kw						
263	20	5.18	3970	3.8		
300	18	4.53	3800	4.7		
316	17	4.30	3740	4.8		
360	15	3.77	3590	6.0		
425	12	3.20	3410	8.1	YQRX 67	4
471	11	2.89	3300	9.5	YQRXF 67	4
535	9.8	2.54	3170	12		
567	9.3	2.40	3110	13		
666	7.9	2.04	2950	17		
732	7.2	1.86	2860	18		
845	6.2	1.61	2730	18		
207	25	4.35	3440	2.7		
238	22	3.79	3300	3.1	YQRX 57	6
254	21	3.55	3230	3.3	YQRXF 57	6
287	18	3.14	3110	3.5		
309	17	2.91	3040	3.9		
312	17	4.35	3040	4.1		
359	15	3.79	3910	4.7		
383	14	3.55	2850	5.0		
434	12	3.14	2740	5.4		
467	11	2.91	2680	6.0		
515	10	2.64	2600	6.8	YQRX 57	4
574	9.2	2.37	2510	7.5	YQRXF 57	4
666	7.9	2.04	2390	8.7		
708	7.4	1.92	2350	9.3		
823	6.4	1.65	2230	11		
921	5.7	1.48	2150	12		
1045	5.0	1.30	2070	13		
0.75kw						
0.30	20700	4650	120000	0.85	YQR 167 R97	4
0.33	18300	4129	120000	1.00	YQRF 167 R97	4
0.52	12000	2657	120000	1.50		
0.59	10400	2333	120000	1.75	YQR 167 R97	4
0.66	9230	2085	120000	1.95	YQRF 167 R97	4
0.96	6510	1438	120000	2.8		
0.42	15100	3302	49000	0.85	YQR 147 R77	4
0.48	13200	2898	62200	1.00	YQRF 147 R77	4
0.54	11900	2555	64800	1.10		
0.62	10300	2211	67400	1.25		
0.71	9070	1951	69000	1.45	YQR 147 R77	4
0.81	7830	1705	70500	1.65	YQRF 147 R77	4
0.9	7030	1536	71300	1.85		
1.0	6080	1329	72100	2.1		
1.2	5310	1166	72700	2.5		
0.74	8640	1863	51200	0.95		
0.87	7330	1586	54700	1.10	YQR 137 R77	4
0.99	6500	1391	56200	1.25	YQRF 137 R77	4
1.1	5850	1256	57300	1.35		
0.67	9640	2073	41400	0.85		
0.75	8480	1839	51900	0.95		
0.86	7310	1598	54800	1.10		
0.99	6480	1397	56300	1.25	YQR 137 R77	4
1.1	5660	1226	57500	1.40	YQRF 137 R77	4
1.3	5050	1090	58300	1.60		
1.5	4410	951	59100	1.80		
1.7	3810	831	59700	2.1		
1.9	3320	730	60100	2.4		
1.3	4890	1055	19000	0.90	YQR 107 R77	4
1.5	4270	919	29600	1.00	YQRF 107 R77	4
1.7	3800	815	31900	1.15		
1.2	5050	1104	7700	0.85		
1.5	4330	939	29300	1.00	YQR 107 R77	4
1.7	3770	822	32000	1.15	YQRF 107 R77	4
3.7	1690	369	37100	2.5		
4.3	1470	323	37300	2.9		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kw						
2.2	2940	632	21400	1.00		
2.5	2570	560	23700	1.15		
2.8	2230	484	25400	1.35		
3.2	2010	431	26400	1.50		
3.6	1760	379	27200	1.70	YQR 97 R57	4
4.1	1570	336	27600	1.90	YQRF 97 R57	4
4.7	1370	296	27800	2.2		
5.5	1150	249	28100	2.6		
3.5	1830	398	12400	0.85		
3.9	1630	352	16400	0.95		
4.5	1400	305	17900	1.10	YQR 87 R57	4
5.2	1240	268	18800	1.25	YQRF 87 R57	4
5.8	1090	236	19500	1.40		
3.8	1710	361	15700	0.90		
4.6	1410	300	17800	1.10	YQR 87 R57	4
5.4	1200	256	19000	1.30	YQRF 87 R57	4
2.8	2610	251.15	36000	1.65	YQR 107	8
3	2390	229.95	36300	1.80	YQRF107	8
3.4	2110	203.16	36700	2.0		
3.2	2240	216.28	25300	1.35	YQR 97	8
3.7	1930	186.3	26600	1.55	YQRF 97	8
4.1	1760	170.02	27200	1.75		
3.5	2030	255.71	26200	1.45	YQR 97	6
3.7	1920	241.25	26700	1.55	YQRF 97	6
4.2	1720	216.28	27300	1.75		
4.8	1500	289.74	27600	2.0		
5.4	1330	255.71	27900	2.3		
5.7	1250	241.25	28000	2.4	YQR 97	4
6.4	1120	216.28	28100	2.7	YQRF 97	4
7.4	970	186.3	28300	3.1		
8.1	880	170.02	28300	3.4		
4.2	1720	216.54	15600	0.9	YQR 87	6
4.4	1640	205.71	16300	0.95	YQRF 87	6
4.9	1450	181.77	17600	1.05		
5.8	1240	155.34	18800	1.25	YQR 87	6
6.3	1130	142.41	19300	1.35	YQRF 87	6
5.6	1280	246.54	18600	1.20		
6.4	1120	216.54	19300	1.40		
6.7	1070	205.71	19600	1.45		
7.6	940	181.77	20000	1.65		
8.9	810	155.34	20000	1.90	YQR 87	4
9.7	740	142.41	20000	2.1	YQRF 87	4
11	650	124.97	20000	2.4		
12	615	118.43	20000	2.5		
13	540	103.65	20000	2.9		
15	480	93.38	20000	3.2		
8.3	860	166.59	9490	0.95	YQR 77	4
9.5	755	145.67	10500	1.10	YQRF 77	4
10	720	138.39	10800	1.15		
11	630	121.42	11400	1.30		
13	535	102.99	11900	1.55		
15	485	92.97	12200	1.70		
17	425	81.8	12400	1.95		
18	400	77.24	12500	2.0	YQR 77	4
21	340	65.77	12700	2.4	YQRF 77	4
24	300	54.68	12800	2.7		
27	270	52.07	12900	3.0		
30	240	45.81	12900	3.5		
32	225	43.26	13000	3.7		



Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kw						
11	670	128.97	4040	0.90		
12	590	113.94	7660	1.00		
13	550	105.83	8120	1.10		
14	500	95.91	8600	1.20		
16	445	86.11	9010	1.35		
19	385	74.17	9430	1.55	YQR 67	4
20	360	69.75	9570	1.65	YQRF 67	4
23	320	61.26	9800	1.90		
24	295	56.89	9910	2.0		
27	270	51.56	10000	2.2		
30	240	46.29	10100	2.5		
13	555	106.58	4610	0.80		
14	515	98.99	6200	0.90		
15	465	89.71	7040	0.95		
17	420	80.55	7240	1.10	YQR 57	4
20	360	69.23	7450	1.25	YQRF 57	4
21	335	64.85	7430	1.35		
24	295	57.29	7220	1.50		
26	275	53.22	7090	1.65		
29	250	48.23	6930	1.80		
32	225	43.30	6740	2.0		
37	194	37.30	6490	2.3	YQR 57	4
39	182	35.07	6380	2.5	YQRF 57	4
46	157	30.18	6130	2.9		
51	140	26.97	5940	3.2		
52	137	26.31	5900	3.3		
55	130	24.99	5820	3.5	YQR 57	4
63	114	21.93	5610	4.0	YQRF 57	4
74	97	18.60	5350	4.7		
20	355	68.54	3660	0.85	YQR 47	4
21	335	64.21	4950	0.90	YQRF 47	4
24	295	56.73	5450	1.00		
26	275	52.69	5480	1.10		
29	250	47.75	5370	1.20		
32	225	42.87	5240	1.35		
37	192	36.93	5060	1.55	YQR 47	4
40	180	34.73	4980	1.65	YQRF 47	4
46	155	29.88	4800	1.95		
52	139	26.70	4660	2.2		
58	122	23.59	4510	2.5		
52	139	26.74	4660	2.2		
59	121	23.28	4490	2.5		
63	113	21.81	4420	2.7	YQR 47	4
72	100	19.27	4270	3.0	YQRF 47	4
77	93	17.89	4180	3.1		
85	84	16.22	4070	3.3		
29	250	48.08	2330	0.80	YQR 37	4
31	235	44.81	4230	0.85	YQRF 37	4
35	205	39.17	4720	1.00		
38	191	36.72	4740	1.05		
43	168	32.40	4610	1.20	YQR 37	4
48	149	28.73	4490	1.35	YQRF 37	4
57	127	24.42	4320	1.60		
62	116	22.27	4230	1.75		
71	100	19.31	4080	2.0		
76	94	18.05	4010	2.1		
88	81	15.6	3850	2.5	YQR 37	4
104	69	13.25	3690	2.8	YQRF 37	4
117	61	11.82	3570	3.0		
137	53	10.11	3420	3.2		
146	49	9.47	3360	3.4		
48	149	28.78	2880	0.85	YQR 27	4
56	127	24.47	2800	1.00	YQRF 27	4

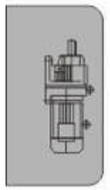
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kw						
62	116	22.32	2750	1.10		
71	100	19.35	2670	1.30		
76	94	18.08	2630	1.40		
88	81	15.63	2550	1.60		
104	69	13.28	2450	1.90		
116	62	11.86	2380	2.1		
136	53	10.13	2290	2.3	YQR 27	4
147	49	9.41	2210	2.5	YQRF 27	4
169	42	8.16	2130	2.7		
181	40	7.63	2090	2.8		
209	34	6.59	2010	3.1		
246	29	5.60	1930	3.4		
276	26	5.00	1870	3.7		
70	102	19.71	465	0.85		
81	88	16.99	1390	0.95		
87	82	15.84	1380	1.05		
100	72	13.84	1370	1.20		
106	67	12.98	1360	1.25		
121	59	11.45	1350	1.35		
136	53	10.15	1320	1.45	YQR 17	4
160	45	8.63	1290	1.60	YQRF 17	4
183	39	7.55	1200	1.45		
196	37	7.04	1180	1.50		
224	32	6.15	1160	1.70		
239	30	5.76	1150	1.75		
271	26	5.09	1120	1.95		
306	23	4.51	1090	2.0		
360	20	3.83	1060	2.3		
236	30	11.45	1200	2.7		
266	27	10.15	1170	2.9		
313	23	8.63	1130	3.1		
358	20	7.55	1060	2.8		
384	19	7.04	1040	2.9	YQR 17	2
439	16	6.15	1010	3.3	YQRF 17	2
468	15	5.76	990	3.5		
531	14	5.09	960	3.8		
599	12	4.51	930	4.0		
704	10	3.83	890	4.4		
199	36	4.53	4260	2.3		
209	34	4.30	4200	2.3	YQRX 67	6
239	30	3.77	4040	2.9	YQRXF 67	6
281	26	3.20	3840	3.9		
267	27	5.18	3900	2.8		
305	24	4.53	3750	3.5		
321	22	4.30	3690	3.6		
366	20	3.77	3540	4.4		
431	17	3.20	3360	6.0	YQRX 67	4
478	15	2.89	3260	7.1	YQRXF 67	4
543	13	2.54	3130	8.9		
575	13	2.40	3070	9.8		
675	11	2.04	2920	13		
743	9.6	1.86	2830	13		
858	8.3	1.61	2700	14		
238	30	3.79	3240	2.3		
254	28	3.55	3180	2.4	YQRX 57	6
287	25	3.14	3060	2.6	YQRXF 57	6
309	23	2.91	3000	2.9		
341	21	2.64	2910	3.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kw						
317	23	4.35	2980	3.0		
364	20	3.79	2960	3.5		
389	18	3.55	2800	3.8		
440	16	3.14	2700	4.0		
474	15	2.91	2630	4.4		
523	14	2.64	2560	5.0	YQRX 57	4
582	12	2.37	2470	5.6	YQRXF 57	4
676	11	2.04	2360	6.5		
719	10	1.92	2310	6.9		
835	8.6	1.65	2210	8.0		
935	7.7	1.48	2130	8.8		
1060	6.8	1.30	2050	9.3		
1.1kw						
0.53	17700	2657	120000	1.00		
0.60	15400	2333	120000	1.15		
0.67	13700	2085	120000	1.30		
0.75	12300	1877	120000	1.45	YQR 167 R97	4
0.84	10900	1670	120000	1.65	YQRF 167 R97	4
0.97	9600	1438	120000	1.90		
1.1	8540	1279	120000	2.1		
1.2	7420	1123	120000	2.4		
0.63	15000	2211	50100	0.85	YQR 147 R77	4
0.72	13300	1951	62100	1.00	YQRF 147 R77	4
0.82	11500	1705	65500	1.15		
0.91	10300	1536	67300	1.25		
1.0	8940	1329	69200	1.45		
1.2	7810	1166	70500	1.65	YQR 147 R77	4
1.4	6870	1029	71500	1.90	YQRF 147 R77	4
1.6	5950	889	72200	2.2		
1.8	5240	784	72800	2.5		
2.0	4630	695	73200	2.8		
1.0	9480	1391	44400	0.85		
1.1	8550	1256	51600	0.95	YQR 137 R77	4
1.3	7500	1105	54400	1.05	YQRF 137 R77	4
1.3	7080	1043	55200	1.15		
1.6	6010	888	57000	1.35		
1.0	9470	1397	44600	0.85		
1.1	8290	1226	52700	0.95		
1.3	7390	1090	54600	1.10		
1.5	6450	951	56300	1.25	YQR 137 R77	4
1.7	5590	831	57600	1.45	YQRF 137 R77	4
1.9	4890	730	58500	1.65		
2.2	4190	629	59300	1.90		
2.5	3770	560	59700	2.1		
2.8	3270	490	60100	2.5		
2.0	4870	717	20200	0.90	YQR 107 R77	4
					YQRF 107 R77	4
2.3	4100	614	30500	1.05		
2.6	3630	544	32700	1.20		
2.8	3280	492	34000	1.30		
3.3	2780	417	35600	1.55	YQR 107 R77	4
3.8	2480	369	36200	1.75	YQRF 107 R77	4
4.3	2170	323	36600	2.0		
4.9	1910	285	36900	2.2		
5.5	1690	253	37100	2.5		
3.2	2930	431	21400	1.00		
3.7	2580	379	27700	1.15		
4.2	2290	336	25100	1.30	YQR 97 R57	4
4.7	2010	296	26300	1.50	YQRF 97 R57	4
5.6	1680	249	27400	1.80		
6.0	1570	234	27500	1.90		
6.7	1400	209	27800	2.1		
5.2	1810	268	13900	0.85	YQR 97 R57	4
5.9	1600	236	16600	0.95	YQRF 97 R57	4
6.7	1400	209	17900	1.10		
5.5	1760	256	15300	0.90	YQR 87 R57	4
6.0	1590	232	16600	0.95	YQRF 87 R57	4
7.2	1350	195	18200	1.15		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kw						
2.7	3880	251.15	31600	1.10		
3.0	3550	229.95	33000	1.20	YQR 107	8
3.3	3140	203.16	34500	1.35	YQRF 107	8
4.0	2660	172.34	35900	1.60		
3.6	2920	255.71	21500	1.05		
3.8	2750	241.25	22600	1.10	YQR 97	6
4.2	2470	216.28	24200	1.20	YQRF 97	6
4.9	2130	186.30	25900	1.40		
5.5	1920	255.71	26700	1.55		
5.8	1810	241.25	27100	1.65		
6.5	1620	216.28	27500	1.85		
7.5	1400	186.30	27800	2.2	YQR 97	4
8.2	1280	170.02	27900	2.3	YQRF 97	4
9.3	1130	150.78	28100	2.7		
11	950	126.75	28300	3.2		
12	870	116.48	28300	3.4		
6.5	1620	216.54	16400	0.95	YQR 87	4
6.8	1540	205.71	17000	1.00	YQRF 87	4
7.7	1360	181.77	18100	1.15		
9.0	1170	155.34	19100	1.35		
9.8	1070	142.41	19600	1.45		
11	940	124.97	20000	1.65		
12	890	118.43	20000	1.75		
14	780	103.65	20000	2.0	YQR 87	4
15	700	93.38	20000	2.2	YQRF 87	4
17	615	81.92	20000	2.5		
19	545	72.57	20000	2.8		
22	480	63.68	20000	3.2		
23	455	60.35	20000	3.4		
27	395	52.82	20000	3.9		
12	910	121.42	8990	0.90	YQR 77	4
14	775	102.99	10300	1.05	YQRF 77	4
15	700	92.97	10900	1.20		
17	615	81.80	11500	1.35		
18	580	77.24	11700	1.40		
21	495	65.77	12100	1.65		
24	435	57.68	12400	1.90	YQR 77	4
27	390	52.07	12500	2.1	YQRF 77	4
31	345	45.81	12700	2.4		
32	325	43.26	12700	2.5		
38	275	36.83	12900	3.0		
42	250	33.47	12900	3.3		
16	645	86.11	6820	0.95		
17	555	74.17	8040	1.10		
20	525	69.75	8370	1.15		
23	460	61.26	8920	1.30		
25	425	56.89	9160	1.40	YQR 67	4
27	385	51.56	9420	1.55	YQRF 67	4
30	345	46.29	9650	1.75		
35	300	39.88	9890	1.95		
37	280	37.50	9970	2.0		
43	240	32.27	10100	2.2		
49	215	28.83	10200	2.4		
50	210	28.13	10200	2.6		
52	200	26.70	10100	2.7	YQR 67	4
60	176	23.44	9730	3.2	YQRF 67	4
70	149	19.89	9270	4.0		
20	520	69.23	5990	0.85	YQR 57	4
22	485	64.85	6850	0.90	YQRF 57	4
24	430	57.29	6700	1.05		
26	400	53.22	6610	1.15		
29	360	48.30	6490	1.25		
32	325	43.30	6350	1.40	YQR 57	4
38	280	37.30	6140	1.60	YQRF 57	4
40	265	35.07	6060	1.70		
46	225	30.18	5850	2.0		
52	200	26.97	5690	2.2		

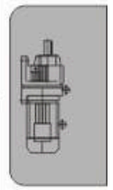
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kw						
53	197	26.31	5650	2.3		
56	188	24.99	5580	2.4	YQR 57	4
64	165	21.93	5400	2.7	YQRF 57	4
75	140	18.60	5170	3.2		
83	126	16.79	5030	3.6		
29	360	47.75	3500	0.85		
33	320	42.87	4850	0.95		
38	275	36.93	4720	1.10	YQR 47	4
40	260	34.73	4660	1.15	YQRF 47	4
47	225	29.88	4520	1.35		
52	200	26.70	4410	1.50		
59	177	23.59	4290	1.70		
60	175	23.28	4270	1.70		
64	164	21.81	4210	1.85		
73	145	19.27	4080	2.0		
78	134	17.89	4010	2.2		
86	122	16.22	3910	2.3	YQR 47	4
96	109	14.56	3800	2.4	YQRF 47	4
112	94	12.54	3650	2.7		
119	89	11.79	3590	2.8		
138	76	10.15	3450	3.0		
154	68	9.07	3340	3.2		
43	245	32.40	2900	0.80	YQR 37	4
49	215	28.73	3300	0.95	YQRF 37	4
57	183	24.42	3720	1.10		
73	145	19.31	3840	1.40	YQR 37	4
78	135	18.05	3790	1.50	YQRF 37	4
90	117	15.60	3660	1.70		
106	99	13.25	3520	1.90		
118	89	11.83	3430	2.1		
139	76	10.11	3290	2.2		
148	71	9.47	3230	2.3	YQR 37	4
176	60	7.97	3090	2.6	YQRF 37	4
210	50	6.67	2920	2.9		
247	43	5.57	2790	3.3		
277	38	5.06	2700	3.5		
72	145	19.35	2430	0.90		
77	136	18.08	2410	0.95		
90	117	15.63	2360	1.10		
105	100	13.28	2290	1.30		
118	89	11.86	2240	1.45		
138	76	10.13	2160	1.60		
170	61	8.16	2010	1.90	YQR 27	4
184	57	7.63	1980	1.95	YQRF 27	4
212	50	6.59	1920	2.1		
250	42	5.60	1840	2.4		
280	38	5.00	1790	2.5		
328	32	4.27	1720	2.7		
350	30	4.00	1690	2.8		
415	25	3.37	1610	3.1		
203	52	13.28	1980	2.5		
228	46	11.86	1920	2.8		
267	39	10.13	1840	3.1		
287	37	9.41	1780	3.3		
331	32	8.16	1720	3.7		
354	30	7.63	1690	3.8	YQR 27	2
410	26	6.59	1620	4.1	YQRF 27	2
482	22	5.60	1550	4.5		
540	20	5.00	1500	4.9		
632	17	4.27	1430	5.2		
675	16	4.00	1410	5.4		
801	13	3.37	1340	6.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kw						
137	77	19.71	1150	1.10		
159	66	16.99	1140	1.30		
170	62	15.84	1140	1.40		
195	54	13.84	1120	1.60		
208	51	12.98	1120	1.70		
236	45	11.45	1100	1.80		
266	40	10.15	1080	1.95	YQR 17	2
313	34	8.63	1050	2.1	YQRF 17	2
358	29	7.55	970	1.90		
384	27	7.04	960	2.0		
439	24	6.15	940	2.3		
468	22	5.76	930	2.4		
531	20	5.09	910	2.6		
599	18	4.51	880	2.7		
704	15	3.83	850	3.0		
249	42	5.63	5680	2.6	YQRX 77	4
262	40	5.35	5590	2.6	YQRXF 77	4
296	36	4.73	5380	3.5		
203	52	4.53	4130	1.60	YQRX 67	6
214	49	4.30	4070	1.65	YQRXF 67	6
244	43	3.77	3920	2.0		
309	34	4.53	3660	2.4		
326	32	4.30	3610	2.5		
371	28	3.77	3470	3.1		
438	24	3.20	3300	4.2		
485	22	2.89	3200	4.9	YQRX 67	4
551	19	2.54	3070	6.2	YQRXF 67	4
538	18	2.40	3020	6.8		
685	15	2.04	2870	8.8		
754	14	1.86	2780	9.1		
870	12	1.61	2660	9.4		
1000	11	1.40	2550	9.9		
243	43	3.79	3120	1.60		
259	41	3.55	3060	1.70	YQRX 57	6
293	36	3.14	2960	1.80	YQRXF 57	6
316	33	2.91	2900	2.0		
348	30	2.64	2820	2.3		
369	28	3.79	2780	2.4		
394	27	3.55	2730	2.6		
446	24	3.14	2630	2.8		
481	22	2.91	2570	3.1		
530	20	2.64	2500	3.5	YQRX 57	4
591	18	2.37	2420	3.9	YQRXF 57	4
686	15	2.04	2310	4.5		
729	14	1.92	2270	4.8		
847	12	1.65	2160	5.6		
948	11	1.48	2090	6.1		
1075	9.8	1.30	2010	6.4		
1.5kw						
0.60	21200	2333	120000	0.85		
0.68	18800	2085	120000	0.95		
0.75	16900	1877	120000	1.05		
0.84	15000	1670	120000	1.20	YQR 167 R97	4
0.98	13100	1438	120000	1.35	YQRF 167 R97	4
1.1	11700	1279	120000	1.55		
1.3	10200	1123	120000	1.75		
1.4	9060	999	120000	2.0		
3.3	3870	426	73600	3.4	YQR 147 R87	4
3.8	3340	368	73900	3.9	YQRF 147 R87	4
0.83	15700	1705	41200	0.85		
0.93	14100	1536	60300	0.90		
1.1	12200	1329	64200	1.05		
1.2	10700	1166	66800	1.20		
1.4	9410	1029	68600	1.40	YQR 147 R77	4
1.6	8140	889	70100	1.60	YQRF 147 R77	4
1.8	7170	784	71200	1.80		
2.0	6340	695	71900	2.0		
2.3	5700	619	72400	2.3		
2.5	5130	558	72900	2.5		



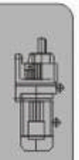
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
1.4	9650	1043	41200	0.85		
1.6	8200	888	52900	1.00	YQR 137 R77	4
2.0	6440	699	56300	1.25	YQRF 137 R77	4
2.3	5590	609	57600	1.45		
1.3	10100	1090	32300	0.80		
1.5	8790	951	50600	0.90		
1.7	7640	831	54100	1.05		
1.9	6680	730	55900	1.20		
2.2	5740	629	57400	1.40	YQR 137 R77	4
2.5	5150	560	58200	1.55	YQRF 137 R77	4
2.9	4470	490	59000	1.80		
3.3	3910	428	59600	2.00		
3.7	3510	381	59900	2.30		
4.4	2980	323	60400	2.70		
2.7	4860	528	20600	0.90	YQR 107 R77	4
					YQRF 107 R77	4
2.6	4970	544	14800	0.85		
2.9	4490	492	28400	0.95		
3.4	3810	417	31900	1.15	YQR 107 R77	4
3.8	3390	369	33600	1.25	YQRF 107 R77	4
4.4	2960	323	35100	1.45		
3.0	4410	469	28900	1.00	YQR 107 R77	4
					YQRF 107 R77	4
4.2	3120	336	14600	0.95		
4.8	2740	296	22700	1.10		
5.7	2300	249	25100	1.30	YQR 97 R57	4
6.0	2150	234	25800	1.40	YQRF 97 R57	4
6.8	1920	209	26700	1.55		
3.0	4710	229.95	26500	0.90		
3.5	4160	203.16	30200	1.05	YQR 107	8
4.1	3530	172.34	33100	1.20	YQRF 107	8
4.4	3250	158.68	34100	1.30		
3.7	3910	251.15	31400	1.10		
4.0	3580	229.95	32900	1.20		
4.5	3610	203.16	34400	1.35	YQR 107	6
5.3	2680	172.34	35900	1.60	YQRF 107	6
5.8	2470	158.68	36200	1.75		
6.5	2210	141.83	36500	1.95		
5.5	2600	255.71	23500	1.15		
5.8	2450	241.25	24300	1.20		
6.5	2200	216.28	25600	1.35		
7.6	1890	186.30	26800	1.60		
8.3	1730	170.02	27300	1.75		
9.4	1530	150.78	27600	1.95	YQR 97	4
11	1290	126.75	27900	2.3	YQRF 97	4
12	1180	116.48	28000	2.5		
14	1050	103.44	28200	2.8		
15	940	92.48	28300	3.2		
7.8	1850	181.77	11400	0.85		
9.1	1580	155.34	16700	1.00		
9.9	1450	142.41	17600	1.05	YQR 87	4
11	1270	124.97	18600	1.20	YQRF 87	4
12	1200	118.43	19000	1.30		
14	1050	103.65	19600	1.45		
15	950	93.38	20000	1.65		
17	830	81.92	20000	1.85		
19	735	72.57	20000	2.1		
22	645	63.68	20000	2.4	YQR 87	4
23	615	60.35	20000	2.5	YQRF 87	4
27	535	52.82	20000	2.9		
30	485	47.58	20000	3.2		
34	425	41.74	20000	3.7		
38	375	36.84	19600	4.1		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
15	940	92.97	8500	0.85		
17	830	81.80	9820	1.00	YQR 77	4
18	785	77.24	10200	1.05	YQRF 77	4
21	670	65.77	11100	1.25		
24	585	57.68	11600	1.40		
27	530	52.07	11900	1.55		
31	465	45.81	12200	1.75		
33	440	43.26	12300	1.85	YQR 77	4
38	375	36.83	12600	2.2	YQRF 77	4
42	340	33.47	12700	2.4		
49	295	29.00	12500	2.8		
56	255	25.23	12000	3.0		
60	240	23.37	11800	3.5		
66	220	21.43	11500	3.8	YQR 77	4
75	191	18.80	11000	4.1	YQRF 77	4
23	620	61.26	7280	0.95		
25	580	56.89	7810	1.05		
27	525	51.56	8370	1.15		
30	470	46.29	8830	1.30	YQR 67	4
35	405	39.88	9300	1.45	YQRF 67	4
38	380	37.50	9460	1.50		
44	330	32.27	9750	1.65		
49	295	28.83	9920	1.80		
50	285	28.13	9950	1.90		
53	270	26.72	9850	2.0	YQR 67	4
60	240	23.44	9500	2.3	YQRF 67	4
71	200	19.89	9070	3.0		
79	182	17.95	8810	3.2		
27	540	53.22	5140	0.85	YQR 57	4
29	490	48.23	6010	0.90	YQRF 57	4
33	440	43.30	5920	1.00		
38	380	37.30	5770	1.20		
40	355	35.07	5710	1.25	YQR 57	4
47	305	30.18	5540	1.45	YQRF 57	4
52	275	26.97	5420	1.65		
54	265	26.31	5390	1.70		
56	255	24.99	5330	1.75		
64	225	21.93	5170	2.0		
76	189	18.60	4980	2.4	YQR 57	4
84	171	16.79	4850	2.6	YQRF 57	4
95	150	14.77	4700	2.9		
101	142	13.95	4630	3.0		
119	121	11.88	4440	3.4		
38	375	36.93	2380	0.80		
41	355	34.73	3840	0.85	YQR 47	4
47	305	29.88	4220	1.00	YQRF 47	4
53	370	26.70	4140	1.10		
60	240	23.59	4050	1.25		
61	235	23.28	4040	1.25		
65	220	21.81	3990	1.35		
73	196	19.27	3890	1.50		
79	182	17.89	3830	1.60		
87	165	16.22	3740	1.65		
97	148	14.56	3650	1.80		
112	127	12.54	3520	1.95		
120	120	11.79	3470	2.00		
139	103	10.15	3340	2.2	YQR 47	4
155	92	9.07	3240	2.4	YQRF 47	4
176	81	8.01	3140	2.5		
182	79	7.76	3060	2.1		
203	71	6.96	2980	2.2		
235	61	6.00	2860	2.6		
250	57	5.64	2810	2.7		
291	49	4.85	2700	3.0		
325	44	4.34	2610	3.3		
368	39	3.83	2520	3.7		



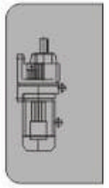
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
73	196	19.31	2660	1.00	YQR 37	4
78	183	18.05	2840	1.10	YQRF 37	4
90	159	15.60	3160	1.25		
106	135	13.25	3350	1.40		
119	120	11.83	3270	1.50		
140	103	10.11	3160	1.65		
149	96	9.47	3110	1.75		
177	81	7.97	2980	1.95	YQR 37	4
211	68	6.67	2820	2.1	YQRF 37	4
249	58	5.67	2710	2.5		
279	51	5.06	2630	2.6		
326	44	4.32	2520	2.9		
348	41	4.05	2470	3.0		
414	35	3.41	2360	3.2		
204	70	13.25	2880	2.7		
228	63	11.83	2790	2.9		
267	54	10.11	2680	3.2	YQR 37	2
285	50	9.47	2630	3.3	YQRF 37	2
339	42	7.97	2510	3.7		
90	159	15.63	1700	0.80		
106	135	13.28	2020	0.95		
119	121	11.86	2080	1.05		
139	103	10.13	2030	1.20		
173	83	8.16	1880	1.40		
185	78	7.63	1860	1.45	YQR 27	4
214	67	6.59	1810	1.60	YQRF 27	4
252	57	5.60	1750	1.75		
282	51	5.00	1710	1.85		
330	43	4.27	1650	2.0		
353	41	4.00	1630	2.1		
418	34	3.37	1560	2.3		
228	63	11.86	1840	2.10		
267	54	10.13	1770	2.3		
331	43	8.16	1650	2.7		
354	41	7.63	1620	2.8		
410	35	6.59	1570	3.0		
482	30	5.60	1500	3.3	YQR 27	2
540	27	5.00	1460	3.6	YQRF 27	2
632	23	4.27	1400	3.8		
675	21	4.00	1370	4.0		
801	18	3.37	1310	4.4		
250	57	5.63	5580	1.90		
264	54	5.35	5490	1.90		
298	48	4.73	5300	2.6		
349	41	4.04	5050	3.5	YQRX 77	4
381	38	3.70	4920	4.1	YQRXF 77	4
434	33	3.25	4720	5.5		
458	31	3.08	4650	6.2		
523	27	2.70	4460	7.8		
581	25	2.43	4310	8.7		
312	46	4.53	3570	1.80		
328	44	4.30	3520	1.85		
374	38	3.77	3390	2.3		
441	33	3.20	3230	3.1		
488	29	2.89	3140	3.6	YQRX 67	4
555	26	2.54	3020	4.6	YQRXF 67	4
588	24	2.40	2970	5.0		
690	21	2.04	2820	6.4		
759	19	1.86	2740	6.7		
876	16	1.61	2620	7.0		
1005	14	1.40	2510	7.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
372	39	3.79	2700	1.80		
397	36	3.55	2650	1.90		
450	32	3.14	2560	2.0		
484	30	2.91	2510	2.3		
534	27	2.64	2440	2.6	YQRX 67	4
595	24	2.37	2360	2.9	YQRXF 67	4
691	21	2.04	2260	3.3		
734	20	1.92	2220	3.5		
853	17	1.65	2120	4.1		
955	15	1.48	2050	4.5		
1080	13	1.30	1980	4.7		
2.2kW						
0.84	22400	1670	120000	0.80		
0.98	19500	1438	120000	0.95		
1.1	17300	1279	120000	1.05		
1.3	15100	1123	120000	1.20	YQR 167 R97	4
1.4	13500	999	120000	1.35	YQRF 167 R97	4
1.6	11600	861	120000	1.55		
1.9	10300	760	120000	1.75		
2.2	8710	656	120000	2.1		
2.6	7130	533	71200	1.80		
3.0	6150	462	72100	2.1		
3.3	5740	426	72400	2.3	YQR 147 R87	4
3.8	4960	368	73000	2.6	YQRF 147 R87	4
4.3	4390	326	73300	3.0		
1.2	15800	1166	39400	0.80		
1.4	13900	1029	60700	0.95		
1.6	12000	889	64500	1.10		
1.8	10600	784	66900	1.20	YQR 147 R77	4
2.0	9400	695	68600	1.40	YQRF 147 R77	4
2.3	8420	619	69800	1.55		
2.5	7580	558	70800	1.70		
2.9	6640	489	71700	1.95		
2.0	9510	699	43900	0.85	YQR 137 R77	4
2.3	8270	609	52800	0.95	YQRF 137 R77	4
1.9	9890	730	36300	0.80		
2.2	8500	629	51800	0.95		
2.5	7620	560	54200	1.05		
2.9	6630	490	56000	1.20		
3.3	5790	428	57400	1.40	YQR 137 R77	4
3.7	5190	381	58200	1.55	YQRF 137 R77	4
4.4	4400	323	59100	1.80		
4.8	3960	291	59500	2.0		
5.5	3460	255	60000	2.3		
6.3	3030	223	60300	2.6		
3.8	5010	369	12100	0.85		
4.4	4390	323	29000	1.00	YQR 107 R77	4
4.9	3860	285	31600	1.10	YQRF 107 R77	4
5.6	3420	253	33500	1.25		
6.6	2900	214	35300	1.50		
4.3	4480	325	28400	0.95	YQR 107 R77	4
					YQRF 107 R77	4
6.0	3170	234	11300	0.95	YQR 97 R57	4
6.8	2840	209	22100	1.05	YQRF 97 R57	4
3.1	6680	222.60	55900	1.20		
3.7	5660	188.45	57500	1.40	YQR 137	8
4.0	5230	174.40	58100	1.55	YQRF 137	8
4.5	4690	156.31	58800	1.70		
5.0	4240	141.12	59300	1.90		
5.5	3850	128.18	59600	2.1	YQR 137	8
6.2	3410	113.72	60000	2.3	YQRF 137	8
6.8	3100	103.20	60300	2.6		
4.6	4540	203.16	28100	0.95		
5.4	3850	172.34	31700	1.10	YQR 107	6
5.9	3550	158.68	33000	1.20	YQRF 107	6
6.6	3170	141.83	34400	1.35		



Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
5.6	3740	251.15	32200	1.15	YQR 107	4
6.1	3430	229.95	33500	1.25	YQRF 107	4
6.9	3030	203.16	34900	1.40		
8.2	2570	172.34	36100	1.65		
8.9	2360	158.68	36300	1.80		
9.9	2110	141.83	36600	2.0	YQR 107	4
11	1900	127.68	36900	2.3	YQRF 107	4
12	1720	115.63	37000	2.5		
14	1530	102.53	37200	2.8		
15	1380	92.70	37300	3.1		
6.5	3220	216.28	7030	0.95	YQR 97	4
7.6	2780	186.30	22500	1.10	YQRF 97	4
8.3	2530	170.02	23900	1.20		
9.4	2250	150.75	25300	1.35		
11	1890	126.75	26800	1.60		
12	1740	116.48	27300	1.75		
14	1540	103.44	27600	1.95		
15	1380	92.48	27800	2.2	YQR 97	4
17	1240	83.15	28000	2.4	YQRF 97	4
20	1080	72.17	28200	2.8		
22	970	65.21	27700	3.1		
24	890	59.92	27000	3.4		
27	795	53.21	26100	3.8		
30	710	47.58	25300	4.2		
11	1860	124.97	10100	0.85		
12	1760	118.43	15200	0.90	YQR 87	4
14	1540	103.65	17000	1.00	YQRF 87	4
15	1390	93.38	17900	1.10		
17	1220	81.92	18900	1.25		
19	1080	72.57	19500	1.45		
22	950	63.68	20000	1.65		
23	900	60.35	20000	1.70		
27	785	52.82	20000	1.95	YQR 87	4
30	710	47.58	20000	2.2	YQRF 87	4
34	620	41.74	19900	2.5		
38	550	36.84	19200	2.8		
43	485	32.66	18500	3.2		
41	515	34.40	18800	2.9		
45	470	31.40	18300	3.3	YQR 87	4
51	415	27.84	17700	3.7	YQRF 87	4
60	350	23.40	16800	4.4		
66	320	21.51	16400	4.7		
21	980	65.77	5470	0.85		
24	860	57.68	9540	0.95	YQR 77	4
27	775	52.07	10300	1.05	YQRF 77	4
31	685	45.81	11000	1.20		
33	645	43.26	11300	1.25		
38	550	36.83	11800	1.50	YQR 77	4
42	500	33.48	12100	1.65	YQRF 77	4
49	430	29.00	12100	1.90		
56	375	25.23	11700	2.1		
60	350	23.37	11400	2.3		
66	320	21.43	11200	2.6		
75	280	18.80	10800	2.8	YQR 77	4
79	265	17.82	10600	2.9	YQRF 77	4
90	230	15.60	10200	3.2		
100	210	14.05	9910	3.4		
35	595	39.88	7630	1.00		
38	560	37.50	8020	1.00	YQR 67	4
44	480	32.27	8750	1.10	YQRF 67	4
49	430	28.83	9140	1.20		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
60	350	23.44	9140	1.60		
71	295	19.89	8760	2.0		
79	270	17.95	8530	2.2		
89	235	15.79	8240	2.4		
95	220	14.91	8110	2.5	YQR 67	4
111	189	12.70	7760	2.8	YQRF 67	4
122	172	11.54	7560	2.9		
141	149	10.00	7250	3.2		
162	130	8.70	6960	3.4		
181	116	7.79	6760	3.3		
38	555	37.30	4490	0.80		
40	525	35.07	5110	0.85	YQR 57	4
47	450	30.18	5030	1.00	YQRF 57	4
52	400	26.97	4960	1.10		
64	325	21.93	4800	1.40		
76	275	18.16	4660	1.60		
84	250	16.79	4570	1.80		
95	220	14.77	4450	2.0		
101	210	13.95	4390	2.1	YQR 57	4
119	177	11.88	4230	2.3	YQRF 57	4
131	161	10.79	4140	2.4		
151	139	9.35	4000	2.7		
156	135	9.06	3980	2.8		
177	119	7.97	3850	3.0		
104	205	26.31	4370	2.2		
109	192	24.99	4320	2.3		
124	169	21.93	4190	2.7	YQR 57	2
147	143	18.60	4020	3.1	YQRF 57	2
163	129	16.79	3920	3.5		
185	114	14.77	3790	3.8		
196	107	13.95	3740	4.0		
73	285	19.27	3550	1.05		
87	240	16.22	3460	1.15		
97	215	14.56	3400	1.20		
112	187	12.54	3310	1.35		
120	185	11.79	3270	1.40		
139	151	10.15	3160	1.50		
155	135	9.07	3090	1.65	YQR 47	4
176	119	8.01	3000	1.70	YQRF 47	4
182	116	7.76	2910	1.40		
203	104	6.96	2840	1.55		
235	89	6.00	2740	1.75		
250	84	5.64	2700	1.85		
291	72	4.85	2600	2.1		
325	65	4.34	2530	2.3		
368	57	3.83	2440	2.5		
117	179	23.28	3280	1.70		
125	168	21.81	3230	1.80		
142	148	19.27	3150	2.0		
153	138	17.89	3100	2.1		
168	125	16.22	3030	2.2		
187	112	14.56	2950	2.4	YQR 47	2
218	97	12.54	2850	2.6	YQRF 47	2
231	91	11.97	2800	2.7		
269	78	10.15	2700	2.9		
301	70	9.07	2620	3.2		
341	62	8.01	2530	3.3		
90	230	15.60	1070	0.85		
106	198	13.25	1660	0.95	YQR 37	4
119	176	11.83	1990	1.05	YQRF 37	4



Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
140	151	10.11	2360	1.15		
149	141	9.47	2480	1.20		
177	119	7.97	2750	1.30		
211	99	6.67	2470	1.45	YQR 37	4
249	84	5.67	2570	1.70	YQRF 37	4
279	75	5.06	2500	1.80		
326	64	4.32	2410	1.95		
348	60	4.05	2370	2.0		
414	51	3.41	2270	2.2		
141	149	19.31	2380	1.35	YQR 37	2
151	139	18.05	2510	1.45	YQRF 37	2
175	120	15.60	2740	1.65		
206	102	13.25	2720	1.85		
231	91	11.83	2650	2.0		
270	78	10.11	2550	2.2		
288	73	9.47	2510	2.3		
342	61	7.97	2410	2.5	YQR 37	2
409	51	6.67	2280	2.8	YQRF 37	2
480	44	5.67	2180	3.3		
540	39	5.06	2120	3.5		
632	33	4.32	2030	3.8		
675	31	4.05	1990	3.9		
801	26	3.41	1900	4.3		
139	151	10.13	1120	0.80		
214	98	6.59	1130	1.10		
252	83	5.60	1390	1.20	YQR 27	4
282	75	5.00	1540	1.30	YQRF 27	4
330	64	4.27	1540	1.35		
353	60	4.00	1520	1.45		
418	50	3.37	1470	1.55		
206	102	13.28	1720	1.25		
230	91	11.86	1690	1.40		
270	78	10.13	6550	1.55		
335	63	8.196	1530	1.85		
358	59	7.63	1510	1.90	YQR 27	2
414	51	6.59	1470	2.1	YQRF 27	2
488	43	5.60	1420	2.3		
546	39	5.00	1390	2.5		
639	33	4.27	1340	2.6		
683	31	4.00	1310	2.8		
810	26	3.37	1260	3.0		
298	70	4.73	5180	1.75		
349	60	4.04	4950	2.4		
381	55	3.70	4820	2.8		
434	48	3.25	4640	3.8		
458	46	3.08	4560	4.2	YQRX 77	4
523	40	2.70	4380	5.3	YQRXF 77	4
581	36	2.43	4250	5.9		
662	32	2.13	4080	6.3		
750	28	1.88	3920	6.7		
846	25	1.67	3780	7.0		
991	21	1.42	3590	7.3		
374	56	3.99	3280	1.55		
441	48	3.20	3130	2.1		
488	43	2.89	3050	2.5		
555	38	2.54	2940	3.1	YQRX 67	4
588	36	2.40	2890	3.4	YQRXF 67	4
690	30	2.04	2760	4.4		
759	28	1.86	2680	4.6		
876	24	1.61	2570	4.8		
1005	21	1.40	2460	5.0		

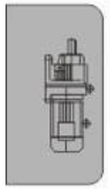
Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
450	47	3.14	2450	1.40		
534	39	2.64	2340	1.75		
595	35	2.37	2280	1.95		
691	30	2.04	2190	2.3	YQRX 57	4
734	29	1.92	2150	2.4	YQRXF 57	4
853	25	1.65	2060	2.8		
955	22	1.48	1990	3.1		
1080	19	1.30	1930	3.2		
3.0kW						
1.2	20900	1123	120000	0.85		
1.4	18600	999	120000	0.95	YQR 167 R87	4
1.6	16000	861	120000	1.10	YQRF 167 R87	4
1.8	14200	760	120000	1.25		
2.1	12100	656	120000	1.50		
2.8	9280	503	120000	1.95		
2.6	9880	533	68000	1.30		
3.0	8540	462	69700	1.50		
3.3	7940	426	70400	1.65	YQR 147 R77	4
3.8	6860	368	71500	1.90	YQRF 147 R77	4
4.3	6070	326	72200	2.1		
5.0	5180	280	72800	2.5		
1.6	16600	889	26300	0.80		
1.8	14700	784	54500	0.90	YQR 147 R77	4
2.0	13000	695	62700	1.00	YQRF 147 R77	4
2.3	11600	619	65200	1.10		
2.6	10500	558	67100	1.25		
2.8	9160	490	48800	0.85		
3.3	7990	428	53400	1.00		
3.7	7150	381	55100	1.10	YQR 137 R77	4
4.3	6070	323	56900	1.30	YQRF 137 R77	4
4.8	5460	291	57800	1.45		
5.5	4770	255	58700	1.70		
6.3	4180	223	59300	1.90		
2.7	9870	517	36800	0.80	YQR 137 R77	4
3.1	8650	453	51200	0.95	YQRF 137 R77	4
5.5	4730	253	25800	0.90	YQR 107 R77	4
6.5	4010	214	31000	1.05	YQRF 107 R77	4
7.5	3500	187	33200	1.25		
5.5	4870	256	20200	0.90	YQR 107 R77	8
					YQRF 107 R77	8
3.2	8860	222.60	50300	0.90		
3.8	7500	188.45	54400	1.05	YQR 137	8
4.1	6940	174.40	55500	1.15	YQRF 137	8
4.6	6220	156.31	56700	1.30		
5.4	5620	141.12	57600	1.40		
5.6	5100	128.18	58300	1.55		
6.3	4520	113.72	59000	1.75	YQR 137	8
7.0	4110	103.20	59400	1.95	YQRF 137	8
8.1	3530	88.70	59900	2.3		
4.2	6780	222.60	55800	1.20		
5.0	5740	188.45	57400	1.40	YQR 137	8
5.4	5320	174.40	58000	1.50	YQRF 137	8
6.0	4760	156.31	58700	1.70		
6.7	4300	141.12	59200	1.85		
7.3	3910	128.18	59600	2.0	YQR 137	6
8.3	3470	113.75	60000	2.3	YQRF 137	6
9.1	3150	103.20	60200	2.5		
5.9	4840	158.68	21600	0.90	YQR 107	6
6.6	4320	141.83	29300	1.00	YQRF 107	6
7.4	3890	127.68	31500	1.10		

Output speed n_o [r/min]	Output torque M_o [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
3.0KW						
6.1	4710	229.95	26500	0.90		
6.9	4160	203.16	30200	1.05		
8.1	3530	172.34	33100	1.20		
8.8	3250	158.68	34100	1.30		
9.9	2900	141.83	35300	1.50	YQR 107	4
11	2610	127.68	36000	1.65	YQRF 107	4
12	2370	115.63	36300	1.80		
14	2100	102.53	36700	2.0		
15	1900	92.70	36900	2.3		
18	1610	78.57	35900	2.7		
19	1490	72.88	35200	2.9		
9.3	3090	150.78	16200	0.95		
11	2590	126.75	23600	1.15		
12	2380	116.48	24700	1.25		
14	2120	103.44	25900	1.40		
15	1890	92.48	26800	1.60		
17	1700	83.15	27300	1.75		
19	1480	72.17	27700	2.0	YQR 97	4
21	1330	65.21	27000	2.2	YQRF 97	4
23	1230	59.92	26400	2.5		
26	1090	53.21	25600	2.8		
29	970	47.58	24800	3.1		
33	880	42.78	24000	3.4		
38	760	37.13	23100	4.0		
42	680	33.25	22400	4.2		
15	1910	93.38	3630	0.80		
17	1680	81.92	16000	0.90	YQR 87	4
19	1490	72.57	17400	1.05	YQRF 87	4
22	1300	63.68	18400	1.20		
23	1230	60.35	18800	1.25		
27	1080	52.82	19500	1.45		
29	970	47.58	19900	1.60		
34	850	41.74	19400	1.80	YQR 87	4
38	755	36.84	18700	2.1	YQRF 87	4
43	670	32.66	18100	2.3		
50	570	27.88	17400	2.6		
41	705	34.40	18400	2.1		
45	640	31.40	17900	2.4		
50	570	27.84	17400	2.7		
60	480	23.40	16500	3.2	YQR 87	4
65	440	21.51	16100	3.4	YQRF 87	4
73	390	19.10	15600	3.7		
82	350	17.08	15100	4.0		
91	315	15.35	14600	4.3		
31	940	45.81	8670	0.85		
32	890	43.26	9270	0.95	YQR 77	4
38	755	36.83	10500	1.10	YQRF 77	4
42	685	33.47	11000	1.20		
48	595	29.00	11600	1.40	YQR 77	4
55	515	25.23	11300	1.50	YQRF 77	4
60	480	23.37	11100	1.70		
65	440	21.43	10800	1.85		
74	385	18.80	10500	2.0		
79	365	17.82	10300	2.1		
90	320	15.60	9980	2.3		
100	290	14.05	9700	2.5	YQR 77	4
114	250	12.33	9350	2.7	YQRF 77	4
129	225	10.88	9090	3.0		
145	197	9.64	8720	3.2		
163	176	8.59	8500	3.6		
181	158	7.74	8240	3.8		
206	139	6.79	7920	4.2		

Output speed n_o [r/min]	Output torque M_o [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
3.0KW						
60	480	23.44	8730	1.15		
70	405	19.89	8420	1.45		
78	365	17.95	8230	1.60	YQR 67	4
89	325	15.79	7980	1.75	YQRF 67	4
94	305	14.91	7860	1.80		
110	260	12.70	7550	2.0		
121	235	11.54	7360	2.1		
140	205	10.00	7090	2.3		
52	550	26.97	4330	0.80	YQR 57	4
					YQRF 57	4
64	450	21.93	4380	1.00	YQR 57	4
75	380	18.60	4300	1.20	YQRF 57	4
83	345	16.79	4250	1.30		
95	300	14.77	4160	1.45		
100	285	13.95	4130	1.50		
118	245	11.88	4010	1.65		
130	220	10.79	3940	1.75		
150	191	9.35	3820	1.95		
155	185	9.06	3810	2.0	YQR 57	4
176	163	7.97	3700	2.2	YQRF 57	4
186	154	7.53	3650	2.3		
218	131	6.41	3520	2.6		
240	119	5.82	3430	2.7		
277	103	5.05	3310	3.0		
319	90	4.39	3190	3.1		
128	225	21.93	3950	2.0		
151	190	18.60	3820	2.4		
167	170	16.79	3730	2.6	YQR 57	2
190	151	14.77	3620	2.9	YQRF 57	2
201	143	13.95	3570	3.0		
236	122	11.88	3440	3.3		
259	110	10.79	3360	3.5		
86	330	16.22	2030	0.85	YQR 47	4
96	300	14.56	2500	0.90	YQRF 47	4
112	255	12.54	3040	0.95		
119	240	11.79	3040	1.00		
138	210	10.15	2970	1.10		
154	186	9.07	2910	1.20		
175	164	8.01	2840	1.25		
181	159	7.76	2740	1.05	YQR 47	4
201	143	6.96	2680	1.10	YQRF 47	4
233	123	6.00	2610	1.25		
248	115	5.64	2580	1.35		
288	99	4.85	2490	1.50		
323	89	4.34	2430	1.65		
365	78	3.83	2360	1.85		
237	121	11.79	2670	2.0		
270	104	10.15	2580	2.2		
309	93	9.07	2510	2.4		
349	82	8.01	2430	2.5		
361	79	7.76	2370	2.1	YQR 47	2
402	71	6.96	2310	2.2	YQRF 47	2
467	61	6.00	2220	2.5		
496	58	5.64	2190	2.7		
577	50	4.85	2100	3.0		
646	44	4.34	2040	3.3		
731	39	3.83	1970	3.7		
139	205	10.11	780	0.80	YQR 37	4
148	194	9.47	1010	0.85	YQRF 37	4
176	163	7.97	1510	0.95		
210	137	6.67	1250	1.05		
247	116	5.67	1630	1.25		
277	104	5.06	1830	1.30	YQR 37	4
324	88	4.32	2070	1.45	YQRF 37	4
346	83	4.05	2140	1.45		
411	70	3.41	2180	1.60		

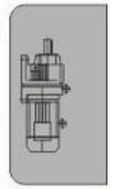
Output speed n_o [r/min]	Output torque M_o [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
3.0KW						
277	103	10.11	2340	1.65		
296	97	9.47	2380	1.70		
351	82	7.97	2290	1.90	YQR 37	2
420	68	6.67	2170	2.1	YQRF 37	2
494	58	5.67	2090	2.5		
553	52	5.06	2030	2.6		
648	44	4.32	1950	2.8		
692	41	4.05	1920	3.0		
821	35	3.41	1840	3.2		
250	115	5.60	360	0.85		
280	102	5.00	615	0.95	YQR 27	4
328	87	4.27	910	1.00	YQRF 27	4
350	82	4.00	1010	1.05		
415	69	3.37	1230	1.15		
425	67	6.59	1260	1.55		
500	57	5.60	1330	1.75		
560	51	5.00	1300	1.85	YQR 27	2
656	44	4.27	1260	2.0	YQRF 27	2
700	41	4.00	1240	2.1		
831	35	3.37	1200	2.3		
217	132	6.45	7130	1.45		
252	114	5.56	6830	2.0	YQRX 87	4
276	104	5.07	6650	2.4	YQRXF 87	4
311	92	4.50	6430	3.2		
370	77	3.78	6100	3.9		
296	97	4.73	5050	1.25		
347	83	4.04	4830	1.75		
378	76	3.70	4720	2.0	YQRX 77	4
431	67	3.25	4550	2.7	YQRXF 77	4
455	63	3.08	4480	3.1		
371	77	3.77	3150	1.15		
438	66	3.20	3030	1.55		
485	59	2.89	2950	1.80		
551	52	2.54	2850	2.3	YQRX 67	4
583	49	2.40	2810	2.5	YQRXF 67	4
685	42	2.04	2690	3.2		
754	38	1.86	2610	3.3		
870	33	1.61	2510	3.5		
1000	29	1.40	2410	3.6		
446	64	3.14	2330	1.00		
530	54	2.64	2240	1.30		
591	49	2.37	2180	1.40		
686	42	2.04	2100	1.65	YQRX 57	4
729	39	1.92	2070	1.75	YQRXF 57	4
847	34	1.65	1990	2.0		
948	30	1.48	1930	2.2		
1075	27	1.30	1870	2.4		
4.0KW						
1.6	21200	861	12000	0.85		
1.9	18700	760	12000	0.95	YQR 167 R97	4
2.2	16000	656	12000	1.10	YQRF 167 R97	4
2.8	12300	503	12000	1.45		
3.8	9190	376	12000	1.95		
4.2	8180	335	12000	2.2		
2.7	13100	533	62500	1.00		
3.1	11300	462	65800	1.15		
3.3	10500	426	67100	1.25		
3.8	9060	368	69100	1.45		
4.4	8010	326	70300	1.60	YQR 147 R87	4
5.1	6850	280	71500	1.90	YQRF 147 R87	4
5.7	6050	247	72200	2.2		
6.7	5220	214	72800	2.5		
7.5	4620	189	73200	2.8		
8.9	3880	159	73600	3.3		

Output speed n_o [r/min]	Output torque M_o [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
4.0KW						
2.3	15300	619	46300	0.85		
2.5	13800	558	61000	0.95	YQR 147 R77	4
2.9	12100	489	64400	1.10	YQRF 147 R77	4
3.4	10200	415	67400	1.25		
3.7	9430	381	45400	0.85		
4.4	8000	323	53400	1.00		
4.9	7200	291	55000	1.10	YQR 137 R77	4
5.6	6290	255	56600	1.25	YQRF 137 R77	4
6.3	5520	223	57700	1.45		
3.8	9440	376	45200	0.85		
4.2	8500	339	51800	0.95	YQR 137 R77	4
4.8	7450	297	54500	1.05	YQRF 137 R77	4
7.6	4620	187	27600	0.95	YQR 107 R77	4
					YQRF 107 R77	4
7.3	4840	193	21400	0.90	YQR 107 R77	4
8.2	4330	172	29300	1.00	YQRF 107 R77	4
4.4	8660	163.31	69500	1.5		
4.9	7790	146.91	70500	1.65	YQR 147	8
6.0	6360	119.86	71900	2.0	YQRF 147	8
6.6	5800	109.31	72400	2.2		
4.1	9250	174.40	48400	0.85		
4.6	8290	156.31	52700	0.95		
5.1	7490	141.12	54400	1.05	YQR 137	8
536	6800	128.18	55700	1.20	YQRF 137	8
6.3	6030	113.72	57000	1.35		
7.0	5470	103.20	57800	1.45		
4.3	8860	222.60	50300	0.90		
5.1	7500	188.45	54400	1.05		
5.5	6940	174.40	55500	1.15	YQR 137	6
6.1	6220	156.31	56700	1.30	YQRF 137	6
6.8	5620	141.12	57600	1.40		
7.5	5100	128.18	58300	1.55		
8.4	4520	113.72	59000	1.75	YQR 137	6
9.3	4110	103.20	59400	1.95	YQRF 137	6
11	3530	88.70	59900	2.3		
8.2	4640	172.34	27500	0.95		
8.9	4270	158.68	29600	1.05		
10	3820	141.83	31900	1.15		
11	3430	127.68	33400	1.25		
12	3110	115.63	34600	1.40		
14	2760	102.53	35700	1.55	YQR 107	4
15	2490	92.70	36200	1.70	YQRF 107	4
18	2110	78.57	34900	2.0		
19	1960	72.88	34200	2.2		
22	1760	65.60	33200	2.4		
24	1600	59.41	32300	2.7		
27	1420	52.68	31300	3.0		
12	3130	116.48	13800	0.95		
14	2780	103.44	22400	1.10		
15	2490	92.48	24100	1.20		
17	2240	83.15	25400	1.35		
20	1940	72.17	26600	1.55		
22	1750	65.21	26000	1.70	YQR 97	4
24	1610	59.92	25500	1.85	YQRF 97	4
27	1430	53.21	24700	2.1		
30	1280	47.58	24000	2.3		
33	1150	42.78	23400	2.6		
38	1000	37.13	22500	3.0		
43	890	33.25	21800	3.2		
44	860	32.05	21600	3.0		
52	730	27.19	20600	3.5	YQR 97	4
57	675	25.03	20100	4.2	YQRF 97	4
63	600	22.37	19500	4.5		
71	540	20.14	18900	4.8		



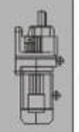
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
4.0kw						
22	1710	63.68	13300	0.90	YQR 87	4
24	1620	60.35	13900	0.95	YQRF 87	4
27	1420	52.82	15200	1.10		
30	1280	47.58	16000	1.20		
34	1120	41.74	16800	1.40	YQR 87	4
39	990	36.84	17400	1.55	YQRF 87	4
43	880	32.66	17500	1.75		
51	750	27.88	16800	2.0		
41	930	34.40	17600	1.60		
45	840	31.40	17400	1.85		
51	750	27.84	16800	2.1		
61	630	23.40	16100	2.5		
66	580	21.51	15700	2.6	YQR 87	4
74	515	19.10	15200	2.8	YQRF 87	4
83	460	17.08	14700	3.0		
92	415	15.35	14300	3.2		
107	360	13.33	13700	3.6		
119	320	11.93	13300	3.8		
39	990	36.83	4070	0.85		
42	900	33.47	9100	0.90	YQR 77	4
49	780	29.00	10300	1.05	YQRF 77	4
56	680	25.23	10800	1.15		
61	630	23.37	10600	1.30		
66	575	21.43	10400	1.40		
76	505	18.80	10100	1.55		
80	480	17.82	9950	1.65		
91	420	15.60	9630	1.75		
101	380	14.05	9380	1.90		
115	330	12.33	9070	2.1	YQR 77	4
131	295	10.88	8780	2.3	YQRF 77	4
147	260	9.64	8500	2.4		
165	230	8.59	8320	2.7		
183	210	7.74	8070	2.9		
209	183	6.79	7770	3.2		
237	161	5.99	7490	3.3		
267	143	5.31	7230	3.6		
71	535	19.89	7960	1.10		
79	485	17.95	7800	1.20		
90	425	15.79	7600	1.30		
95	400	14.91	7510	1.35		
112	340	12.70	7240	1.50		
123	310	11.54	7080	1.60		
142	270	10.00	6840	1.75	YQR 67	4
163	235	8.70	6600	1.90	YQRF 67	4
182	210	7.79	6440	1.80		
193	198	7.36	6340	1.85		
227	169	6.27	6070	1.95		
249	153	5.70	5920	2.0		
288	133	4.93	5680	2.2		
331	116	4.29	5460	2.3		
76	500	18.60	3520	0.90	YQR 57	4
85	450	16.79	3830	1.00	YQRF 57	4
96	395	14.77	3800	1.10		
102	375	13.95	3780	1.15		
120	320	11.88	3710	1.25		
132	290	10.79	3660	1.35		
152	250	9.35	3580	1.45		
157	245	9.06	3590	1.55	YQR 57	4
178	215	7.97	3500	1.65	YQRF 57	4
189	205	7.53	3470	1.75		
222	172	6.41	3350	1.95		
244	157	5.82	3280	2.0		
284	136	5.05	3180	2.2		
323	118	4.39	3070	2.4		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
4.0kw						
140	275	10.15	1960	0.85		
157	245	9.07	2350	0.90		
177	215	8.01	2640	0.95		
204	187	6.96	2480	0.85	YQR 47	4
237	161	6.00	2430	0.95	YQRF 47	4
252	152	5.64	2410	1.00		
293	131	4.85	2350	1.15		
327	117	4.34	2300	1.25		
371	103	3.83	2250	1.40		
176	215	16.22	2640	1.25		
196	195	14.56	2600	1.35		
228	168	12.54	2540	1.50		
242	158	11.79	2510	1.55		
282	136	10.15	2440	1.70		
315	121	9.07	2390	1.80		
357	107	8.01	2320	1.90	YQR 47	4
369	104	7.76	2250	1.55	YQRF 47	4
411	93	6.96	2200	1.70		
477	80	6.00	2130	1.95		
507	75	5.64	2100	2.1		
589	65	4.85	2020	2.3		
660	58	4.34	1970	2.5		
746	51	3.83	1910	2.8		
255	150	5.56	6630	1.50		
280	137	5.07	6470	1.85	YQRX 87	4
316	121	4.50	6260	2.4	YQRXF 87	4
375	102	3.78	5960	3.0		
351	109	4.04	4670	1.30		
383	100	3.70	4560	1.55		
437	87	3.25	4410	2.1		
461	83	3.08	4350	2.3		
527	73	2.70	4190	3.0	YQRX 77	4
585	65	2.43	4070	3.3	YQRXF 77	4
667	57	2.13	3920	3.5		
755	51	1.88	3780	3.7		
852	45	1.67	3650	3.9		
998	38	1.42	3480	4.1		
444	86	3.20	2870	1.15		
492	78	2.89	2810	1.35		
559	68	2.54	2730	1.75		
592	65	2.40	2690	1.90	YQRX 67	4
692	55	2.04	2580	2.4	YQRXF 67	4
765	50	1.86	2520	2.5		
883	43	1.61	2420	2.6		
1015	38	1.40	2330	2.8		
538	71	2.64	1670	0.95		
599	64	2.37	1780	1.10		
696	55	2.04	1910	1.25	YQRX 57	4
740	52	1.92	1940	1.35	YQRXF 57	4
859	44	1.65	1900	1.55		
962	40	1.48	1840	1.70		
1090	35	1.30	1790	1.80		
5.5KW						
2.2	22000	656	120000	0.80		
2.5	19300	579	120000	0.95		
2.8	16900	503	120000	1.05		
3.3	14400	432	120000	1.25	YQR 167 R97	4
3.8	12600	376	120000	1.45	YQRF167 R97	4
4.3	11200	335	120000	1.60		
4.7	10100	303	120000	1.80		
5.1	9310	279	120000	1.95		
3.1	15500	462	43700	0.85		
3.3	14400	426	57800	0.9		
3.9	12400	368	63800	1.05		
4.4	11000	326	66300	1.2	YQR 147 R87	4
5.1	9400	280	68600	1.4	YQRF147 R87	4
5.8	8300	247	70000	1.55		
6.7	71700	214	71200	1.8		
7.6	6340	189	71900	2.0		



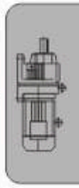
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
5.5kw						
3.1	17000	229.71	120000	1.05		
3.8	13800	186.93	120000	1.30	YQR 167	8
4.6	11300	153.07	120000	1.60	YQRF 167	8
5.1	10400	139.98	120000	1.75		
5.8	9010	121.81	120000	2.0		
4.3	12100	163.31	64400	1.10		
4.8	10900	146.91	66500	1.20	YQR 147	8
5.9	8870	119.86	69300	1.45	YQRF 147	8
6.5	8090	109.31	70200	1.60		
5.9	8930	163.31	69200	1.45	YQR 147	6
6.5	8040	146.91	70300	1.60	YQRF 147	6
8	6560	119.86	71700	2.0		
8.8	5980	109.31	72200	2.2	YQR 147	6
10	5180	94.60	72800	2.5	YQRF 147	6
12	4570	83.47	73200	2.8		
5.5	9480	128.18	44400	0.85		
6.2	8410	113.72	52200	0.95	YQR 137	8
6.9	7630	103.20	54200	1.05	YQRF 137	8
8.0	6560	88.70	56100	1.20		
5.5	9540	174.40	43300	0.85		
6.1	8550	156.31	51600	0.95		
6.8	7720	141.12	54000	1.05	YQR 137	6
7.5	7010	128.18	55300	1.15	YQRF 137	6
8.4	6220	113.72	56700	1.30		
9.3	5650	103.20	57600	1.40		
6.4	8180	222.60	53000	1.00		
7.6	6920	188.45	55500	1.15	YQR 137	4
8.2	6410	174.40	56400	1.25	YQRF 137	4
9.1	5740	156.31	57400	1.40		
10	5180	141.12	58200	1.55		
11	4710	128.18	58800	1.70		
13	4180	113.72	59300	1.90		
14	3790	103.20	59700	2.1		
16	3260	88.70	60200	2.5	YQR 137	4
18	2970	80.91	60400	2.7	YQRF 137	4
19	2700	73.49	60500	3.0		
22	2390	65.20	60700	3.3		
24	2170	59.17	60900	3.7		
28	1870	50.86	61000	4.3		
11	4690	127.68	27100	0.90		
12	4250	115.63	29800	1.00		
14	3770	102.53	32100	1.15		
15	3400	92.70	33500	1.25		
18	2980	78.57	33500	1.50		
20	2680	72.88	32900	1.60	YQR 107	4
22	2410	65.60	32100	1.80	YQRF 107	4
24	2180	59.41	31300	1.95		
27	1930	52.68	30300	2.2		
30	1750	47.63	29500	2.5		
35	1480	40.37	28200	2.9		
17	3050	83.15	17600	1.00		
20	2650	72.17	21800	1.15		
22	2390	65.21	24600	1.25		
24	2200	59.92	24200	1.35		
27	1950	53.21	23600	1.55	YQR 97	4
30	1750	47.58	23000	1.70	YQRF 97	4
33	1570	42.78	22500	1.90		
39	1360	37.13	21700	2.2		
43	1220	33.25	21100	2.4		
52	1010	27.58	20100	2.6		
45	1180	32.05	20900	2.2		
53	1000	27.19	20000	2.6		
57	920	25.03	19600	3.1	YQR 97	4
64	820	22.37	19000	3.3	YQRF 97	4
71	740	20.14	18400	3.5		
78	670	18.24	17900	3.7		
88	595	16.17	17300	4.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
5.5kw						
30	1750	47.58	15400	0.90		
34	1530	41.74	17000	1.00	YQR 87	4
39	1350	36.84	17200	1.15	YQRF 87	4
44	1200	32.66	16700	1.30		
51	1020	27.88	16100	1.45		
51	1020	27.84	16100	1.50		
61	860	23.40	15500	1.80		
66	790	21.51	15200	1.90		
75	700	19.10	14700	2.0		
84	625	17.08	14300	2.2		
93	565	15.35	13900	2.4	YQR 87	4
107	490	13.33	13400	2.6	YQRF 87	4
120	440	11.93	13000	2.8		
144	365	9.90	12300	3.2		
156	335	9.14	12200	3.6		
174	300	8.22	11800	3.8		
200	260	7.13	11300	4.1		
76	690	18.80	9240	1.15	YQR 77	4
80	655	17.82	9400	1.20	YQRF 77	4
92	575	15.60	9150	1.30		
102	515	14.05	8950	1.40		
116	455	12.33	8690	1.50		
131	400	10.88	8440	1.65		
148	355	9.64	8190	1.80	YQR 77	4
166	315	8.59	8080	2.0	YQRF 77	4
185	285	7.74	7860	2.2		
211	250	6.79	7580	2.3		
239	220	5.99	7320	2.5		
269	195	5.31	7070	2.6		
91	580	15.79	6610	0.95		
96	550	14.91	6900	1.00		
113	465	12.70	6810	1.10		
124	425	11.54	6690	1.20		
143	365	10.00	6500	1.30		
164	320	8.70	6310	1.40	YQR 67	4
183	285	7.79	6180	1.35	YQRF 67	4
194	270	7.36	6100	1.35		
228	230	6.27	5860	1.45		
251	210	5.70	5720	1.50		
290	181	4.93	5510	1.60		
333	158	4.29	5310	1.70		
331	159	8.70	5300	2.8		
369	142	7.79	5160	2.7		
391	134	7.36	5080	2.8	YQR 67	2
460	114	6.27	4860	2.9	YQRF 67	2
506	104	5.70	4730	3.0		
584	90	4.93	4540	3.2		
671	78	4.29	4350	3.5		
97	545	14.77	1730	0.80		
103	510	13.95	2070	0.85	YQR 57	4
120	435	11.88	2900	0.95	YQRF 57	4
132	395	10.79	3270	1.00		
153	345	9.35	3240	1.10		
179	295	7.97	3220	1.20		
190	275	7.53	3200	1.25	YQR 57	4
223	235	6.41	3120	1.40	YQRF 57	4
246	215	5.82	3080	1.50		
283	185	5.05	3000	1.65		
326	161	4.39	2920	1.75		
308	171	9.35	2930	2.2		
361	145	7.97	2850	2.4		
383	137	7.53	2820	2.5	YQR 57	2
449	117	6.41	2720	2.9	YQRF 57	2
494	106	5.82	2660	3.0		
571	92	5.05	2560	3.3		
656	80	4.39	2470	3.5		



Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
5.5kW						
295	178	4.85	1870	0.85	YQR 47	4
330	159	4.34	2110	0.90	YQRF 47	4
373	141	3.83	2080	1.00		
230	230	12.54	1730	1.10		
244	215	11.79	1910	1.15		
284	185	10.15	2250	1.25		
318	165	9.07	2220	1.35		
359	146	8.01	2170	1.40	YQR 47	2
480	109	6.00	2000	1.45	YQRF 47	2
511	103	5.64	1970	1.50		
593	89	4.85	1920	1.70		
664	79	4.34	1870	1.85		
752	70	3.83	1820	2.1		
216	245	6.63	10500	1.90		
255	205	5.61	9980	2.2	YQRX 107	4
276	191	5.19	9760	3.7	YQRXF 107	4
307	171	4.65	9460	4.1		
247	215	5.79	8380	1.95		
291	180	4.91	8010	2.2		
316	166	4.52	7820	3.6		
354	149	4.04	7580	4.0		
393	134	3.64	7350	4.4		
434	121	3.30	7140	4.9	YQRX 97	4
489	107	2.92	6890	5.5	YQRXF 97	4
541	97	2.64	6690	6.1		
638	82	2.24	6360	7.2		
731	72	1.96	6110	7.9		
874	60	1.64	5780	8.4		
1010	52	1.42	5530	8.8		
318	165	4.50	6040	1.75		
378	139	3.78	5770	2.2		
411	128	3.48	5640	3.2	YQRX 87	4
463	113	3.09	5460	3.6	YQRXF 87	4
518	101	2.76	5290	4.0		
576	91	2.48	5130	4.4		
664	79	2.15	4930	4.9		
440	119	3.25	4220	1.50		
464	113	3.08	4160	1.70		
530	99	2.70	4030	2.2		
589	89	2.43	3920	2.4	YQRX 77	4
671	78	2.13	3780	2.6	YQRXF 77	4
761	69	1.88	3660	2.7		
858	61	1.67	3540	2.8		
1005	52	1.42	3380	3.0		
563	93	2.54	2550	1.25		
596	88	2.40	2520	1.40		
700	75	2.04	2430	1.80	YQRX 67	4
770	68	1.86	2380	1.85	YQRXF 67	4
889	59	1.61	2300	1.95		
1020	51	1.40	2220	2.0		
700	75	2.04	665	0.90		
745	71	1.92	755	1.00	YQR 57	4
866	61	1.65	940	1.15	YQRF 57	4
969	54	1.48	1020	1.25		
1095	48	1.30	1160	1.30		
7.5kW						
2.8	23100	503	120000	0.80		
3.3	19800	432	120000	0.90	YQR 167	4
3.8	17300	376	120000	1.05	YQRF 167	4
4.3	15400	335	120000	1.15		
4.7	13900	303	120000	1.30		
5.1	12800	279	120000	1.40		
4.4	15000	326	50100	0.85		
5.1	12900	280	62900	1.00		
5.8	11400	247	65700	1.15	YQR 147	4
6.7	9810	214	68000	1.30	YQRF 147	4
7.6	8680	189	69500	1.50		
9.0	7290	159	71000	1.80		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
7.5kW						
3.1	22900	229.71	120000	0.80		
3.8	18600	186.93	120000	0.95		
4.7	15200	153.07	120000	1.20	YQR 167	8
5.1	13900	139.98	120000	1.30	YQRF 167	8
5.9	12100	121.81	120000	1.50		
4.2	17100	229.71	120000	1.05	YQR 167	6
5.1	13900	186.93	120000	1.30	YQRF 167	6
6.3	11400	153.07	120000	1.60		
6.9	10400	139.98	120000	1.70		
7.9	9090	121.81	120000	2.0		
8.9	8020	107.49	120000	2.2	YQR 167	6
10	6950	93.19	120000	2.6	YQRF 167	6
12	6190	82.91	120000	2.9		
13	5500	73.70	120000	3.3		
14	5030	67.40	120000	3.6		
4.4	16200	163.31	32800	0.80		
4.9	14600	146.91	55100	0.90	YQR 147	8
6.0	11900	119.86	64700	1.10	YQRF 147	8
6.6	10900	109.31	66500	1.20		
5.9	12200	163.31	64200	1.05	YQR 147	6
6.5	11000	146.91	66300	1.20	YQRF 147	6
8.0	8940	119.86	69200	1.45		
8.8	8150	109.31	70100	1.60	YQR 147	6
10	700	94.60	71300	1.85	YQRF 147	6
12	6230	83.47	72000	2.1		
7.6	9440	188.45	45300	0.85		
8.2	8730	174.40	50800	0.90	YQR 137	4
9.1	7830	156.31	53700	1.00	YQRF 137	4
10	7070	141.12	55200	1.15		
11	6420	128.18	56400	1.25		
13	5700	113.72	57500	1.40		
14	5170	103.20	58200	1.55		
16	4440	88.70	59100	1.80	YQR 137	4
18	4050	80.91	59500	1.95	YQRF 137	4
19	3680	73.49	59800	2.2		
22	3270	65.20	60100	2.5		
24	2960	59.17	60400	2.7		
28	2550	50.86	60600	3.1		
15	4640	92.70	27500	0.95		
18	3940	78.57	31300	1.10		
20	3650	72.88	31300	1.20		
22	3290	65.60	30600	1.30		
24	2980	59.41	30000	1.45	YQR 107	4
27	2640	52.68	29200	1.65	YQRF 107	4
30	2390	47.63	28500	1.80		
35	2020	40.37	27300	2.1		
41	1770	35.26	26400	2.4		
48	1480	29.49	25200	2.9		
46	1540	30.77	25500	2.8		
52	1380	27.58	24700	3.1	YQR 107	4
57	1250	24.90	24100	3.5	YQRF 107	4
63	1130	22.62	23400	3.8		
24	3000	59.92	19700	1.00		
27	2670	53.21	22200	1.15		
30	2380	47.58	21800	1.25	YQR 97	4
33	2140	42.78	21300	1.40	YQRF 97	4
39	1860	37.13	20700	1.60		
43	1670	33.25	20200	1.75	YQR 97	4
52	1380	27.58	19400	1.95	YQRF 97	4



Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
7.5kW						
45	1610	32.05	20000	1.60		
53	1360	27.19	19300	1.90		
57	1250	25.03	18900	2.3	YQR 97	4
64	1120	22.37	18400	2.4	YQRF 97	4
71	1010	20.14	17900	2.6		
78	910	18.24	17500	2.7		
39	1840	36.84	11500	0.85	YQR 87	4
44	1640	32.66	15700	0.95	YQRF 87	4
51	1400	27.88	15200	1.05		
51	1390	27.84	15200	1.10		
61	1170	23.40	14700	1.30		
66	1080	21.51	14500	1.40		
75	960	19.10	14100	1.50		
84	860	17.08	13700	1.65		
93	770	15.35	12500	1.75		
107	670	13.33	12900	1.90	YQR 87	4
120	600	11.93	12600	2.1	YQRF 87	4
144	495	9.90	12000	2.4		
156	460	9.14	11900	2.6		
174	410	8.22	11600	2.8		
200	355	7.13	11100	3.0		
224	320	6.39	10800	3.2		
270	265	5.30	10200	3.4		
76	940	18.80	5310	0.85		
80	890	17.82	5720	0.85		
92	780	15.60	6610	0.95		
102	705	14.05	7180	1.00		
116	615	12.33	7750	1.10		
131	545	10.88	8010	1.20	YQR 77	4
148	485	9.64	7810	1.30	YQRF 77	4
166	430	8.59	7620	1.45		
185	390	7.74	7590	1.55		
211	340	6.79	7340	1.70		
239	300	5.99	7110	1.80		
269	265	5.31	6890	1.90		
113	635	12.70	4240	0.80		
124	580	11.54	4860	0.85		
143	500	10.00	5620	0.95		
164	435	8.70	5930	1.00		
183	390	7.79	5500	0.95	YQR 67	4
194	370	7.36	5720	1.00	YQRF 67	4
228	315	6.27	5600	1.05		
251	285	5.70	5480	1.10		
290	245	4.93	5300	1.15		
333	215	4.29	5130	1.25		
179	400	7.97	980	0.90		
190	375	7.53	1280	0.95		
223	320	6.41	2020	1.05	YQR 57	4
246	290	5.82	2380	1.10	YQRF 57	4
283	255	5.05	2760	1.20		
326	220	4.39	2710	1.25		
296	365	14.77	2580	1.20		
208	345	13.95	2780	1.25		
244	295	11.88	2780	1.40		
269	265	10.79	2750	1.45		
310	230	9.35	2710	1.60		
364	197	7.97	2670	1.80	YQR 57	2
385	186	7.53	2640	1.90	YQRF 57	2
452	158	6.41	2570	2.1		
498	144	5.82	2520	2.2		
575	125	5.05	2440	2.5		
660	108	4.39	2370	2.6		
216	330	6.63	10100	1.40		
255	280	5.61	9690	1.60	YQRX 107	4
276	260	5.19	9490	2.7	YQRXF 107	4
307	235	4.65	9210	3.0		
340	210	4.20	8950	3.9		

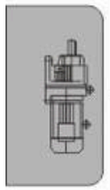
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
7.5kW						
247	290	5.79	8080	1.45		
291	245	4.91	7750	1.60		
316	225	4.52	7580	2.6	YQRX 97	4
354	205	4.04	7360	2.9	YQRXF 97	4
393	182	3.64	7160	3.3		
434	165	3.30	6960	3.6		
489	146	2.92	6730	4.1		
318	225	4.50	5760	1.30		
378	189	3.78	5530	1.60		
411	174	3.48	5420	2.3		
463	155	3.09	5260	2.6		
518	138	2.76	5110	2.9	YQRX 87	4
576	124	2.48	4970	3.3	YQRXF 87	4
664	108	2.15	4780	3.6		
741	97	1.93	4640	3.7		
894	80	1.60	4400	3.9		
1030	70	1.39	4230	4.2		
440	163	3.25	3820	1.10		
464	154	3.08	3890	1.25		
530	135	2.70	3820	1.60		
589	122	2.43	3730	1.75	YQRX 77	4
671	107	2.13	3620	1.85	YQRXF 77	4
761	94	1.88	3510	2.0		
858	84	1.67	3400	2.1		
1005	71	1.42	3260	2.2		
563	127	2.54	1500	0.95		
596	120	2.40	1610	1.00		
700	102	2.04	1810	1.30	YQRX 67	4
770	93	1.86	1930	1.35	YQRXF 67	4
889	81	1.61	2060	1.40		
1020	70	1.40	2080	1.50		
9.2*kW						
3.8	21100	3.76	120000	0.85		
4.3	18800	335	120000	0.95	YQR167 R97	4
4.8	16900	303	120000	1.05	YQRF167 R97	4
5.2	15600	279	120000	1.15		
5.1	15700	280	40800	0.85		
5.8	13900	247	60800	0.95	YQR147 R87	4
6.7	12000	214	64600	1.10	YQRF147 R87	4
7.6	10600	189	66900	1.25		
9.1	8900	159	69300	1.45		
8.8	9960	163.31	67800	1.30		
9.8	8960	146.91	69200	1.45	YQR 147	4
12	7310	119.86	71000	1.80	YQRF 147	4
13	6670	109.31	71600	1.95		
15	5770	94.60	72400	2.2	YQR 147	4
17	5090	83.47	72900	2.5	YQRF 147	4
20	4400	72.09	73300	3.0		
22	4090	66.99	73500	3.2		
9.2	9540	156.31	43400	0.85		
10	8610	141.12	51400	0.95	YQR 137	4
11	7820	128.72	53800	1.00	YQRF 137	4
13	6940	113.72	55500	1.15		
14	6300	103.20	56600	1.25		
16	5410	88.70	57900	1.50		
18	4940	80.91	58500	1.60		
20	4480	73.49	59000	1.80	YQR 137	4
22	3980	65.20	59500	2.0	YQRF 137	4
24	3610	59.17	59900	2.2		
28	3100	50.86	60300	2.6		
32	2710	44.39	60500	3.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
9.2*kW						
18	4790	78.57	23300	0.90		
20	4450	72.88	28600	0.95		
22	4000	65.60	29400	1.05		
24	3620	59.41	28800	1.20		
27	3210	52.68	28100	1.35	YQR 107	4
30	2910	47.63	27500	1.50	YQRF 107	4
36	2460	40.37	26500	1.75		
41	2150	35.26	25700	2.0		
49	1800	29.49	24600	2.4		
47	1880	30.77	24900	2.3		
52	1680	27.58	24200	2.6		
58	1520	24.90	23500	2.8	YQR 107	4
64	1380	22.62	23000	3.1	YQRF 107	4
72	1220	20.07	22200	3.5		
27	3250	53.21	3280	0.90		
30	2900	47.58	20600	1.05	YQR 97	4
34	2610	42.78	20300	1.15	YQRF 97	4
39	2270	37.13	19800	1.30		
43	2030	33.25	19400	1.40	YQR 97	4
52	1680	27.58	18700	1.60	YQRF 97	4
58	1530	25.03	18300	1.85		
64	1370	22.37	17900	2.0		
71	1230	20.14	17400	2.1	YQR 97	4
79	1110	18.24	17000	2.2	YQRF 97	4
89	990	16.17	16500	2.4		
98	890	14.62	16100	2.6		
116	755	12.39	15400	2.9		
67	1310	21.51	13900	1.15		
75	1170	19.10	13600	1.25		
84	1040	17.08	13200	1.35		
94	940	15.35	13000	1.45		
108	810	13.33	12600	1.55		
121	730	11.93	12200	1.70	YQR 87	4
145	605	9.90	11700	1.95	YQRF 87	4
158	560	9.14	11700	2.2		
175	500	8.22	11400	2.3		
202	435	7.13	10900	2.5		
225	390	6.39	10600	2.6		
102	860	14.05	4740	0.85		
117	750	12.33	5610	0.90	YQR 77	4
132	665	10.88	6280	1.00	YQRF 77	4
149	590	9.64	6800	1.05		
186	470	7.74	6300	1.30		
212	415	6.79	6720	1.40	YQR 77	4
240	365	5.99	6920	1.50	YQRF 77	4
271	325	5.31	6720	1.55		
277	315	5.19	9240	2.2		
310	285	4.65	8990	2.5		
343	255	4.20	8760	3.2	YQRX 107	4
377	235	3.81	8540	3.6	YQRXF 107	4
425	205	3.38	8270	4.0		
318	275	4.52	7370	2.2		
356	245	4.04	7170	2.4		
396	220	3.64	6980	2.7		
437	200	3.30	6800	3.0		
493	178	2.92	6590	3.3	YQRX 97	4
545	161	2.64	6410	3.7	YQRXF 97	4
643	137	2.24	6120	4.3		
736	119	1.96	5890	4.8		
880	100	1.64	5590	5.1		
1015	86	1.42	5360	5.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
9.2kW						
414	210	3.48	5220	1.90		
466	188	3.09	5080	2.2		
522	168	2.76	4950	2.4		
580	151	2.48	4820	2.7	YQRX 87	4
669	131	2.15	4650	2.9	YQRXF 87	4
747	118	1.93	4520	3.0		
900	98	1.60	4300	3.2		
1035	85	1.39	4140	3.4		
593	148	2.43	3010	1.45		
676	130	2.13	3160	1.55	YQRX 77	
766	115	1.88	3260	1.65	YQRXF 77	
864	102	1.67	3280	1.70		
1010	87	1.42	3160	1.80		
11.0kW						
4.9	19600	295	120000	0.90		
5.3	18100	270	120000	1.00	YQR 167 R107	4
6.3	15300	229	120000	1.20	RMF 167 R107	4
7.2	13400	200	120000	1.35		
8.5	11300	169	120000	1.60		
5.0	19800	291	120000	0.90	YQR 167 R107	4
					YQRF 167 R107	4
4.3	22500	335	120000	0.80		
4.8	20300	303	120000	0.90	YQR 167 R97	4
5.2	18700	279	120000	0.95	YQRF 167 R97	4
5.8	16600	247	26800	0.80		
6.7	14300	214	58300	0.90	YQR 147 R87	4
7.6	12700	189	63300	1.05	YQRF 147 R87	4
9.1	10700	159	66800	1.20		
5.1	20500	186.93	120000	0.90		
6.3	16700	153.07	120000	1.05	YQR 167	4
6.9	15300	139.98	120000	1.20	YQRF 167	4
7.9	13300	121.81	120000	1.35		
6.3	16800	229.71	120000	1.05	YQR 167	4
7.7	13600	186.93	120000	1.30	YQRF 167	4
9.4	11200	153.07	120000	1.60		
10	10200	139.98	120000	1.75		
12	8890	121.81	120000	2.0	YQR 167	4
13	7840	107.49	120000	2.3	YQRF 167	4
15	6800	93.19	120000	2.7		
17	6050	82.91	120000	3.0		
6.5	16100	146.91	35400	0.80		
8.0	13100	119.86	62400	1.00		
8.8	12000	109.31	64600	1.10	YQR 147	6
10	10400	94.60	67300	1.25	YQRF 147	6
12	9130	83.47	39000	1.40		
8.8	11900	163.31	64700	1.10		
9.8	10700	146.91	66700	1.20	YQR 147	4
12	8740	119.86	69400	1.50	YQRF 147	4
13	7970	109.31	70300	1.65		
15	6900	94.60	71400	1.90		
17	6090	83.47	72100	2.1		
20	5260	72.09	72800	2.5	YQR 147	4
22	4890	66.99	73000	2.7	YQRF 147	4
24	4460	61.09	73300	2.9		
27	3860	52.87	73600	3.4		

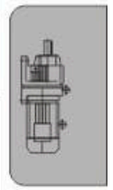
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
11.0kW						
10	10300	142.12	23300	0.80		
11	9350	128.18	46900	0.85		
13	8300	113.72	52700	0.95		
14	7530	103.20	54400	1.05		
16	6470	88.70	56300	1.25		
18	5900	80.91	57200	1.35	YQR 137	4
20	5360	73.49	57900	1.50	YQRF 137	4
22	4760	65.20	58700	1.70		
24	4320	59.17	59200	1.85		
28	3710	50.86	59800	2.2		
32	3240	44.39	60200	2.5		
38	2750	37.65	60500	2.9		
44	2400	32.91	60700	3.3		
22	4790	65.60	23700	0.90		
24	4330	59.41	27600	1.00		
27	3840	52.68	27100	1.10	YQR 107	4
30	3470	47.63	26600	1.25	YQRF 107	4
36	2940	40.37	25700	1.45		
41	2570	35.26	25000	1.65		
49	2150	29.49	24000	2.0		
47	2240	30.77	24200	1.90		
52	2010	27.58	23600	2.1		
58	1820	24.90	23100	2.4	YQR 107	4
64	1650	22.62	22500	2.6	YQRF 107	4
72	1460	20.07	21800	2.9		
79	1330	18.21	21300	3.2		
34	3120	42.78	14500	0.95		
39	2710	37.13	18900	1.10	YQR 97	4
43	2430	33.25	18600	1.20	YQRF 97	4
52	2010	27.58	18000	1.35		
58	1830	25.03	17700	1.55	YQR 97	4
64	1630	22.37	17300	1.65	YQRF 97	4
71	1470	20.14	16900	1.80		
79	1330	18.24	16600	1.90		
89	1180	16.17	16100	2.0		
98	1070	14.62	15700	2.2		
116	900	12.39	15100	2.4	YQR 97	4
133	790	10.83	14600	2.7	YQRF 97	4
155	675	9.29	14300	3.0		
172	610	8.39	13900	3.3		
202	520	7.12	13200	3.8		
232	455	6.21	12700	4.2		
67	1570	21.51	13200	0.95	YQR 87	4
75	1390	19.10	13000	1.05	YQRF 87	4
84	1250	17.08	12800	1.10		
94	1120	15.35	12500	1.20		
108	970	13.33	12200	1.30		
121	870	11.93	11900	1.40		
145	720	9.90	11400	1.65	YQR 87	4
158	665	9.14	11500	1.80	YQRF 87	4
175	600	8.22	11200	1.95		
202	520	7.13	10800	2.1		
225	465	6.39	10400	2.2		
272	385	5.30	9910	2.3		
132	795	10.88	4250	0.85	YQR 77	4
149	705	9.64	5000	0.90	YQRF 77	4
186	565	7.74	4630	1.10		
212	495	6.79	5250	1.15	YQR 77	4
240	435	5.99	5720	1.25	YQRF 77	4
271	390	5.31	6090	1.30		
277	380	5.19	9000	1.85		
310	340	4.65	8770	2.0		
343	305	4.20	8560	2.7	YQRX 107	4
377	280	3.81	8360	3.0	YQRXF 107	4
425	245	3.38	8100	3.4		
469	225	3.07	7900	3.7		
545	193	2.64	7580	4.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
11.0kW						
318	330	4.52	7150	1.80		
365	295	4.04	6970	2.0		
396	265	3.64	6800	2.2		
437	240	3.30	6640	2.5		
493	215	2.92	6440	2.8	YQRX 97	4
545	193	2.64	6280	3.1	YQRXF 97	4
643	163	2.24	6000	3.6		
736	143	1.96	5790	4.0		
880	119	1.64	5500	4.2		
1015	103	1.42	5280	4.4		
414	255	3.48	5030	1.60		
466	225	3.09	4910	1.80	YQRX 87	4
522	200	2.76	4790	2.0	YQRXF 87	4
580	181	2.48	4680	2.2		
669	157	2.15	4530	2.5		
747	141	1.93	4400	2.5	YQRX 87	4
900	117	1.60	4200	2.8	YQRXF 87	4
1035	102	1.39	4050	2.9		
593	177	2.43	1890	1.20		
676	155	2.13	2140	1.30	YQRX 77	4
766	137	1.88	2330	1.35	YQRXF 77	4
864	122	1.67	2460	1.40		
1010	104	1.42	2580	1.50		
15.0kw						
6.4	20700	229	120000	0.85	YQR 167 R107	4
7.3	18100	200	120000	1.00	YQRF 167 R107	4
8.6	15200	169	120000	1.20		
6.4	20800	227	120000	0.85	YQR 167 R107	4
7.4	18100	198	120000	1.00	YQRF 167 R107	4
6.3	22600	153.07	120000	0.80		
6.9	20700	139.98	120000	0.85	YQR 167	6
8.0	18000	121.81	120000	1.00	YQRF 167	6
9.0	15900	107.49	120000	1.15		
6.4	22500	229.71	120000	0.80	YQR 167	6
7.8	18300	186.93	120000	1.00	YQRF 167	6
9.5	15000	153.07	120000	1.20		
10	13700	139.98	120000	1.30		
12	12000	121.81	120000	1.50		
14	10500	107.49	120000	1.70	YQR 167	6
16	9140	93.19	120000	1.95	YQRF 167	6
18	8130	82.91	120000	2.2		
20	7230	73.70	120000	2.5		
22	6610	67.40	120000	2.7		
8.9	16100	109.31	34400	0.80		
10	14000	94.60	60600	0.95	YQR 147	6
12	12300	83.47	64000	1.05	YQRF 147	6
13	10600	72.09	66800	1.20		
14	9890	66.99	67900	1.30		
8.9	16000	163.31	36200	0.80		
9.9	14400	146.91	57400	0.90	YQR 147	6
12	11800	119.86	65000	1.10	YQRF 147	6
13	10700	109.31	66700	1.20		
15	9280	94.60	68800	1.40		
17	8190	83.47	70100	1.60		
20	7070	72.09	71300	1.85	YQR 147	6
22	6570	66.99	71700	2.0	YQRF 147	6
24	5990	61.09	72200	2.2		
28	5190	52.87	72800	2.5		
31	4580	46.65	73200	2.8		
14	10100	103.20	30700	0.80		
16	8700	88.70	51000	0.90	YQR 137	6
18	7940	80.91	53500	1.00	YQRF 137	6
20	7210	73.49	55000	1.10		



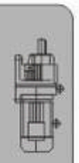
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
15.0kW						
22	6400	65.20	56400	1.25		
25	5800	59.17	57300	1.40		
29	4990	50.86	58400	1.60	YQR 137	4
33	4360	44.39	59100	1.85	YQRF 137	4
39	3690	37.65	59800	2.2		
44	3230	32.91	60200	2.5		
52	2730	27.83	60500	2.8		
31	4670	47.63	24500	0.90		
36	3960	40.37	23900	1.10	YQR 107	4
41	3460	35.26	23400	1.25	YQRF 107	4
50	2890	29.49	22600	1.50		
47	3020	30.77	22800	1.40		
53	2710	27.58	22400	1.60		
59	2440	24.90	21900	1.75		
65	2220	22.62	21400	1.95	YQR 107	4
73	1970	20.07	20900	2.2	YQRF 107	4
80	1790	18.21	20400	2.4		
93	1540	15.65	19700	2.8		
107	1340	13.66	19000	3.2		
53	2710	27.58	16500	1.00	YQR 97	4
					YQRF 97	4
58	2460	25.03	16300	1.15		
65	2200	22.37	16100	1.25		
72	1980	20.14	15800	1.30		
80	1790	18.24	15600	1.40		
90	1590	16.17	15200	1.50		
100	1430	14.62	14900	1.60	YQR 97	4
118	1220	12.39	14400	1.80	YQRF 97	4
135	1060	10.83	14000	1.95		
157	910	9.29	13800	2.2		
174	820	8.39	13400	2.5		
205	700	7.12	12800	2.9		
235	610	6.21	12400	3.1		
85	1680	17.08	11600	0.85		
95	1510	15.35	11500	0.90	YQR 87	4
110	1310	13.33	11300	1.00	YQRF 87	4
122	1170	11.93	11100	1.05		
147	970	9.90	10700	1.20		
160	900	9.14	11000	1.35		
178	810	8.22	10700	1.45	YQR 87	4
205	700	7.13	10300	1.55	YQRF 87	4
229	625	6.39	10100	1.65		
275	520	5.30	96000	1.75		
281	510	5.19	8440	1.35		
314	455	4.65	8260	1.50	YQRX 107	4
348	410	4.20	8100	2.0	YQRXF107	4
383	375	3.81	7930	2.2		
431	330	3.38	7720	2.5		
475	300	3.07	7540	2.8		
553	260	2.64	7260	3.2	YQRX 107	4
634	225	2.30	7010	3.7	YQRXF107	4
747	192	1.95	6710	4.0		
855	168	1.71	6470	4.2		
1010	142	1.44	6170	4.6		
323	445	4.52	6660	1.35		
361	395	4.04	6530	1.50		
401	355	3.64	6400	1.65		
443	325	3.30	6270	1.85		
499	285	2.92	6110	2.1	YQRX 97	4
552	260	2.64	5970	2.3	YQRXF97	4
652	220	2.24	5730	2.7		
746	192	1.96	5550	3.0		
892	161	1.64	5290	3.2		
1030	139	1.42	5090	3.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
15.0kW						
420	340	3.48	4260	1.20		
473	305	3.09	4510	1.35		
529	270	2.76	4430	1.50	YQRX 87	4
588	245	2.48	4350	1.65	YQRXF 87	4
678	210	2.15	4230	1.80		
757	189	1.93	4130	1.90		
913	157	1.60	3960	2.0	YQRX 87	4
1050	137	1.39	3840	2.1	YQRXF 87	4
18.5kW						
7.8	22500	186.93	120000	0.80		
9.6	18500	153.07	120000	1.00	YQR 167	4
10	16900	139.98	120000	1.05	YQRF 167	4
12	14700	121.81	120000	1.25		
14	13000	107.49	120000	1.40		
16	11200	93.19	120000	1.60		
18	10000	82.91	120000	1.80	YQR 167	4
20	8890	73.70	120000	2.0	YQRF 167	4
22	8130	67.40	120000	2.2		
25	7070	58.65	120000	2.5		
12	14500	119.86	56900	0.90	YQR 147	4
13	13200	109.31	62300	1.00	YQRF 147	4
15	11400	94.60	65600	1.15		
18	10100	83.47	67700	1.30		
20	8690	72.09	69500	1.50		
22	8080	66.99	70200	1.60	YQR 147	4
24	7370	61.09	71000	1.75	YQRF 147	4
28	6380	52.87	71900	2.0		
31	5630	46.65	72500	2.3		
36	4860	40.29	73000	2.7		
18	9760	80.91	39000	0.80		
20	8860	73.49	50200	0.90	YQR 137	4
22	7860	65.20	53700	1.00	YQRF 137	4
25	7140	59.17	55100	1.10		
29	6130	50.86	56800	1.30		
33	5350	44.39	58000	1.50	YQR 137	4
39	4540	37.65	58900	1.75	YQRF 137	4
45	3970	32.91	59500	2.0		
53	3360	27.83	60100	2.3		
50	3570	29.57	59900	2.2		
61	2910	24.12	60400	2.8	YQR 137	4
67	2650	22.00	60600	3.0	YQRF 137	4
77	2300	19.04	60800	3.5		
87	2030	16.80	60900	4.0		
36	4870	40.37	20200	0.90	YQR 107	4
42	4250	35.26	22000	1.00	YQRF 107	4
50	3560	29.49	21500	1.20		
59	3000	24.90	20900	1.45		
65	2730	22.62	20600	1.60		
73	2420	20.07	20100	1.80		
80	2200	18.21	19700	1.95		
94	1890	15.65	19100	2.3	YQR 107	4
107	1650	13.66	18500	2.6	YQRF 107	4
126	1400	11.59	17800	3.1		
145	1220	10.13	17200	3.5		
186	950	7.86	16300	3.1		
220	800	6.66	15600	3.7		



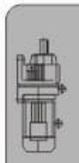
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
18.5kW						
73	2430	20.14	14900	1.05		
80	2200	18.24	14700	1.15		
91	1950	16.17	14500	1.25		
100	1760	14.62	14200	1.30		
118	1490	12.39	13800	1.45		
135	1310	10.83	13500	1.60	YQR 97	4
158	1120	9.29	13400	1.80	YQRF 97	4
175	1010	8.39	13100	2.0		
206	860	7.12	12600	2.3		
236	750	6.21	12100	2.5		
282	625	5.20	11600	2.8		
326	545	4.50	11100	3.0		
110	1610	13.33	10600	0.80		
123	1440	11.93	10400	0.85		
148	1190	9.90	10200	1.00		
160	1100	9.14	10600	1.10	YQR 87	4
178	990	8.22	10300	1.15	YQRF 87	4
205	860	7.13	10000	1.25		
229	770	6.39	9770	1.30		
276	640	5.30	9350	1.40		
349	505	4.20	7710	1.65		
384	460	3.81	7580	1.80	YQRX 107	4
433	410	3.38	7400	2.0	YQRXF 107	4
477	370	3.07	7250	2.2		
555	320	2.64	7010	2.6		
636	280	2.30	6780	3.0	YQRX 107	4
750	235	1.95	6510	3.2	YQRXF 107	4
858	205	1.71	6290	3.4		
1015	174	1.44	6020	3.7		
402	440	3.64	6060	1.35		
444	400	3.30	5960	1.50		
501	355	2.92	5830	1.70		
554	320	2.64	5710	1.85	YQRX 97	4
654	270	2.24	5510	2.2	YQRXF 97	4
749	235	1.96	5350	2.4		
895	197	1.64	5120	2.6		
1035	171	1.42	4940	2.7		
531	335	2.76	3040	1.20		
590	300	2.48	3340	1.35		
680	260	2.15	3630	1.50	YQRX 87	4
760	235	1.93	3820	1.55	YQRXF 87	4
916	193	1.60	3770	1.65		
1055	168	1.39	3670	1.75		
22kW						
9.6	22000	153.07	120000	0.80	YQR 167	4
10	20100	139.98	120000	0.90	YQRF 167	4
12	17500	121.81	120000	1.05		
14	15400	107.49	120000	1.15		
16	13400	93.19	120000	1.35		
18	11900	82.91	120000	1.50		
20	10600	73.70	120000	1.70	YQR 167	4
22	9670	67.40	120000	1.85	YQRF 167	4
25	8410	58.65	120000	2.1		
28	7420	51.76	120000	2.4		
33	6430	44.87	120000	2.8		
13	15700	109.31	41300	0.85		
15	13600	94.60	61500	0.95	YQR 147	4
18	12000	83.47	64600	1.10	YQRF 147	4
20	10300	72.09	67300	1.25		
22	9610	66.99	68300	1.35		
24	8760	61.09	69400	1.50		
28	7580	52.87	70800	1.70	YQR 147	4
31	6690	46.65	71600	1.95	YQRF 147	4
36	5780	40.29	72400	2.2		
41	5110	35.64	72900	2.5		
49	4300	29.95	73400	3.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
22kW						
22	9350	65.20	46900	0.85		
25	8480	59.17	51900	0.95	YQR 137	4
29	7290	50.86	54800	1.10	YQRF 137	4
33	6370	44.39	56500	1.25		
39	5400	37.65	57900	1.50		
45	4720	32.91	58700	1.70	YQR 137	4
53	3990	27.83	59500	1.90	YQRF 137	4
50	4240	29.57	59300	1.85		
61	3460	24.12	60000	2.3	YQR 137	4
67	3150	22.00	60200	2.5	YQRF 137	4
77	2730	19.04	60500	2.9		
87	2410	16.80	60700	3.3		
101	2080	14.51	60900	3.8	YQR 137	4
114	1840	12.83	61000	4.3	YQRF 137	4
42	5060	35.26	7280	0.85	YQR 107	4
50	4230	29.49	20400	1.00	YQRF 107	4
59	3570	24.90	20000	1.20	YQR 107	4
65	3240	22.62	19700	1.35	YQRF 107	4
73	2880	20.07	19300	1.50		
80	2610	18.21	19000	1.65		
94	2240	15.65	18500	1.90		
107	1960	13.66	18000	2.2		
126	1660	11.59	17300	2.6	YQR 107	4
145	1450	10.13	16800	3.0	YQRF 107	4
171	1230	8.56	16100	3.5		
186	1130	7.86	16100	2.6		
220	960	6.66	15400	3.1		
252	840	5.82	14800	3.6		
73	2890	20.14	14000	0.90		
80	2620	18.24	13900	0.95	YQR 97	4
91	2320	16.17	13700	1.05	YQRF 97	4
100	2100	14.62	13600	1.10		
118	1780	12.39	13200	1.25		
135	1550	10.83	13000	1.35		
158	1330	9.29	13100	1.50		
175	1200	8.39	12800	1.70	YQR 97	4
206	1020	7.12	12300	1.95	YQRF 97	4
236	890	6.21	11900	2.1		
282	745	5.20	11400	2.4		
326	645	4.50	10900	2.5		
148	1420	9.90	9640	0.85		
160	1310	9.14	10100	0.90		
178	1180	8.22	9960	1.00	YQR 87	4
205	1020	7.13	9700	1.05	YQRF 87	4
229	920	6.39	9490	1.10		
276	760	5.30	9110	1.20		
349	600	4.20	7330	1.40		
384	545	3.81	7230	1.50	YQRX 107	4
433	485	3.38	7090	1.70	YQRXF 107	4
477	440	3.07	6960	1.90		
555	380	2.64	6760	2.2		
636	330	2.30	6560	2.5		
750	280	1.95	6320	2.7	YQRX 107	4
858	245	1.71	6120	2.9	YQRXF 107	4
1015	205	1.44	5870	3.1		
402	520	3.64	5720	1.15		
444	475	3.30	5620	1.25		
501	420	2.92	5560	1.40		
554	380	2.64	5460	1.55	YQRX 97	4
654	320	2.24	5300	1.85	YQRXF 97	4
749	280	1.96	5160	2.0		
895	235	1.64	4960	2.2		
1035	205	1.42	4790	2.2		



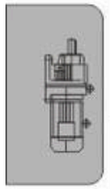
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{n2} [N]	Service factor f_B	Model	Pole P
22kW						
531	395	2.76	1270	1.00		
590	355	2.48	1710	1.15		
680	310	2.15	2160	1.25	YQRX 87	4
760	275	1.93	2450	1.30	YQRXF 87	4
916	230	1.60	2750	1.35		
1055	200	1.39	3030	1.45		
30kW						
14	20900	107.49	120000	0.85		
16	18200	93.19	120000	1.00	YQR 167	4
18	16200	82.91	120000	1.10	YQRF 167	4
20	14400	73.70	120000	1.25		
22	13100	67.40	120000	1.35		
25	11400	58.65	120000	1.55		
28	10100	51.76	120000	1.80	YQR 167	4
33	8740	44.87	120000	2.1	YQRF 167	4
37	7780	39.92	120000	2.3		
43	6710	34.41	120000	2.7		
53	5450	27.96	120000	3.3		
62	4620	23.71	120000	3.9		
18	16300	83.47	32400	0.80		
20	14000	72.09	60400	0.95	YQR 147	4
22	13100	66.99	62500	1.00	YQRF 147	4
24	11900	61.09	64700	1.10		
28	10300	52.87	67300	1.25		
32	9090	46.65	69000	1.45		
36	7850	40.29	70500	1.65	YQR 147	4
41	6950	35.64	71400	1.85	YQRF 147	4
49	5840	29.95	72300	2.2		
61	4710	24.19	73100	2.5		
72	3980	20.44	73600	3.0	YQR 147	4
82	3510	18.04	73800	3.0	YQRF 147	4
94	3050	15.64	74000	4.3		
29	9910	50.86	35800	0.80		
33	8650	44.39	51200	0.90	YQR 137	4
39	7340	37.65	54700	1.10	YQRF 137	4
45	6410	32.91	56400	1.25		
53	5420	27.83	57900	1.40		
61	4700	24.12	58800	1.70		
67	4290	22.00	59200	1.85	YQR 137	4
77	3710	19.04	59800	2.2	YQRF 137	4
88	3270	16.80	60100	2.4		
101	2830	14.51	59500	2.8		
115	2500	12.83	58400	3.2	YQR 137	4
136	2100	10.79	56600	3.8	YQRF 137	4
194	1480	7.59	53300	3.5		
230	1240	6.38	51300	4.1		
73	3910	20.07	17600	1.10		
81	3550	18.21	17400	1.20		
94	3050	15.65	17100	1.40		
108	2660	13.66	16800	1.60		
127	2260	11.59	16300	1.90	YQR 107	4
145	1970	10.13	15900	2.2	YQRF 107	4
172	1670	8.56	15400	2.6		
187	1530	7.86	15500	1.95		
221	1300	6.66	14900	2.3		
252	1140	5.82	14400	2.6		
299	960	4.92	13700	3.0		
101	2850	14.62	12000	0.80		
119	2420	12.39	11900	0.90	YQR 97	4
136	2110	10.83	11800	1.00	YQRF 97	4
158	1810	9.29	12300	1.10		
175	1640	8.39	12100	1.25		
207	1390	7.12	11700	1.45		
237	1210	6.21	11400	1.55	YQR 97	4
283	1010	5.20	10900	1.75	YQRF 97	4
327	880	4.50	10500	1.85		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{n2} [N]	Service factor f_B	Model	Pole P
30kW						
434	660	3.38	6370	1.25		
479	600	3.07	6310	1.40		
557	515	2.64	6180	1.60	YQRX 107	4
638	450	2.30	6050	1.85	YQRXF107	4
752	380	1.95	5870	2.0		
860	335	1.71	5720	2.1		
1020	280	1.44	5520	2.3		
503	570	2.92	3120	1.05		
556	515	2.64	3560	1.15		
656	435	2.24	4050	1.35	YQRX 97	4
751	380	1.96	4450	1.50	YQRXF 97	4
898	320	1.64	4580	1.60		
1040	275	1.42	4450	1.65		
37kW						
16	22400	93.19	120000	0.80		
18	19900	82.91	120000	0.90		
20	17700	73.70	120000	1.00		
22	16200	67.40	120000	1.10		
25	14100	58.65	120000	1.30	YQR 167	4
28	12400	51.76	120000	1.45	YQRF 167	4
33	10800	44.87	120000	1.65		
37	9600	39.92	120000	1.90		
43	8270	34.41	120000	2.2		
53	6720	27.96	120000	2.7		
48	7380	30.71	120000	1.35		
60	5900	24.57	120000	2.4	YQR 167	4
67	5250	21.85	120000	2.5	YQRF 167	4
77	4580	19.03	120000	3.5		
87	4080	16.98	120000	3.7		
22	16100	66.99	35000	0.80	YQR 147	4
24	14700	61.09	54200	0.90	YQRF 147	4
28	12700	52.87	63200	1.00		
32	11200	46.65	65900	1.15		
36	9680	40.29	68200	1.35	YQR 147	4
41	8570	35.64	69700	1.50	YQRF 147	4
49	7200	29.95	71100	1.80		
61	5810	24.19	72400	2.0		
72	4910	20.44	73000	2.4	YQR 147	4
82	4340	18.04	73400	2.4	YQRF 147	4
94	3760	15.64	73700	3.5		
106	3340	13.91	73900	3.8	YQR 147	4
					YQRF 147	4
39	9050	37.65	49400	0.90	YQR 137	4
45	7910	32.91	53600	1.00	YQRF 137	4
53	6690	27.83	55900	1.15		
61	5800	24.12	57300	1.40		
67	5290	22.00	58000	1.50	YQR 137	4
77	4580	19.04	57800	1.75	YQRF 137	4
88	4040	16.80	57300	2.0		
101	3490	14.51	56600	2.3		
115	3080	12.83	55800	2.6		
136	2590	10.79	54400	3.1	YQR 137	4
169	2090	8.71	52600	3.7	YQRF 137	4
194	1820	7.59	51900	2.8		
230	1530	6.38	50100	3.3		
285	1240	5.15	47800	3.7		
73	4820	20.07	16100	0.90		
81	4380	18.21	16100	1.00		
94	3760	15.65	15900	1.15		
108	3280	13.66	15700	1.30		
127	2790	11.59	15400	1.55	YQR 107	4
145	2430	10.13	15100	1.75	YQRF 107	4
172	2060	8.56	14700	2.1		
187	1890	7.86	15000	1.55		
221	1600	6.66	14400	1.85		
252	1400	5.82	14000	2.1		
299	1180	4.92	13400	2.5		



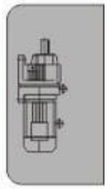
Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{n2} [N]	Service factor f_B	Model	Pole P
37kW						
434	810	3.38	4470	1.00		
479	740	3.07	4950	1.10		
557	635	2.64	5530	1.30	YQRX 107	4
638	555	2.30	5610	1.50	YQRXF 107	4
752	470	1.95	5490	1.65		
860	410	1.71	5370	1.70		
1020	345	1.44	5220	1.85		
45kW						
20	21500	73.77	120000	0.85		
22	19700	67.40	120000	0.90	YQR 167	4
25	17100	58.65	120000	1.05	YQRF 167	4
28	15100	51.76	120000	1.20		
33	13100	44.87	120000	1.35		
37	11700	39.92	120000	1.55	YQR 167	4
43	10100	34.41	120000	1.80	YQRF 167	4
53	8170	27.96	120000	2.2		
62	6930	23.71	120000	2.6		
48	8980	30.71	120000	1.10		
60	7180	24.57	120000	1.95	YQR 167	4
67	6390	21.85	120000	2.0	YQRF 167	4
77	5560	19.03	120000	2.9		
87	4960	16.98	120000	3.0		
28	15500	52.87	44400	0.85		
32	13600	46.65	61300	0.95		
36	11800	40.29	65000	1.10	YQR 147	4
41	10400	35.64	67200	1.25	YQRF 147	4
49	8760	29.95	69400	1.50		
61	7070	24.19	71300	1.70		
72	5970	20.44	72200	2.0		
82	5270	18.04	72800	2.0		
94	4570	15.64	73200	2.8	YQR 147	4
106	4070	13.91	73500	3.1	YQRF 147	4
123	3510	11.99	73800	3.7		
203	2120	7.25	74300	4.1		
45	9620	32.91	41700	0.85	YQR 137	4
53	8130	27.83	51200	0.95	YQRF 137	4
61	7050	24.12	52400	1.15		
67	6430	22.00	52900	1.25	YQR 137	4
77	5570	19.04	53300	1.45	YQRF 137	4
88	4910	16.80	53400	1.65		
101	4240	14.51	53200	1.90		
115	3750	12.83	52800	2.1		
136	3150	10.79	51900	2.5	YQR 137	4
169	2550	8.71	50500	3.1	YQRF 137	4
194	2220	7.59	50200	2.3		
230	1860	6.38	48700	2.7		
285	1510	5.15	46700	3.0		
94	4580	15.65	14600	0.95		
108	3990	13.66	14600	1.10		
127	3390	11.59	14400	1.25		
145	2960	10.13	14300	1.45	YQR 107	4
172	2500	8.56	14000	1.70	YQRF 107	4
187	2300	7.86	14400	1.30		
221	1950	6.66	14000	1.50		
252	1700	5.82	13600	1.75		
299	1440	4.92	13100	2.0		
434	990	3.38	1360	0.85		
479	900	3.07	2080	0.90		
557	770	2.64	2970	1.10	YQRX 107	4
638	675	2.30	3640	1.25	YQRXF 107	4
752	570	1.95	4200	1.35		
860	500	1.71	4540	1.40		
1020	420	1.44	4880	1.55		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{n2} [N]	Service factor f_B	Model	Pole P
55kW						
25	20900	58.65	120000	0.85		
29	18400	51.76	120000	1.00		
33	16000	44.87	120000	1.15	YQR 167	4
37	14200	39.92	120000	1.25	YQRF 167	4
43	12300	34.41	120000	1.45		
53	9960	27.96	120000	1.80		
62	8440	23.71	120000	2.1		
60	8750	24.57	120000	1.60	YQR 167	4
68	7780	21.85	120000	1.65	YQRF 167	4
77	6780	19.03	120000	2.4		
87	6050	16.98	120000	2.5	YQR 167	4
102	5150	14.48	120000	3.5	YQRF 167	4
123	4270	11.99	120000	4.0		
32	16600	46.65	26600	0.80		
37	14300	40.29	58200	0.90	YQR 147	4
41	12700	35.64	63300	1.00	YQRF 147	4
49	10700	29.95	66800	1.20		
61	8610	24.19	69600	1.40		
72	7280	20.44	71100	1.65		
82	6420	18.04	71900	1.65	YQR 147	4
94	5570	15.64	72500	2.3	YQRF 147	4
106	4950	13.91	73000	2.5		
123	4270	11.99	73400	3.0		
151	3470	9.74	73800	3.8	YQR 147	4
203	2580	7.25	74200	3.4	YQRF 147	4
250	2100	5.89	72500	4.1		
77	6780	19.04	47800	1.20		
88	5980	16.80	48500	1.35	YQR 137	4
102	5170	14.51	48900	1.55	YQRF 137	4
115	4570	12.83	49000	1.75		
137	3840	10.79	48800	2.1		
169	3100	8.71	48000	2.5	YQR 137	4
194	2700	7.59	48100	1.90	YQRF 137	4
231	2270	6.38	46900	2.2		
286	1830	5.15	45200	2.5		
75kW						
33	21700	44.87	120000	0.85		
37	19300	39.92	120000	0.95	YQR 167	4
43	16700	34.41	120000	1.10	YQRF 167	4
53	13500	27.96	120000	1.35		
62	11500	23.71	120000	1.55		
60	11900	24.57	120000	1.20	YQR 167	4
68	10600	21.85	120000	1.25	YQRF 167	4
78	9210	19.03	120000	1.75		
87	8220	16.98	120000	1.85		
102	7000	14.48	120000	2.6	YQR 167	4
123	5800	11.99	116600	2.9	YQRF 167	4
145	4950	10.24	112800	3.4		
49	14500	29.95	56500	0.90	YQR 147	4
61	11700	24.19	65100	1.00	YQRF 147	4
72	9890	20.44	67900	1.20		
82	8730	18.04	69500	1.20	YQR 147	4
95	7570	15.64	70800	1.70	YQRF 147	4
106	6730	13.91	71600	1.85		
123	5800	11.99	72400	2.2		
152	4710	9.74	73100	2.8		
179	4000	8.26	73500	3.2	YQR 147	4
204	3510	7.25	73100	2.5	YQRF 147	4
251	2850	5.89	70100	3.0		
296	2420	5.00	67600	3.6		
90kW						
37	23200	39.92	120000	0.80		
43	20000	34.41	120000	0.90	YQR 167	4
53	16200	27.96	120000	1.10	YQRF 167	4
62	13800	23.71	120000	1.30		



Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_s	Model	Pole P
90kW						
60	14300	24.57	120000	1.00	YQR 167	4
68	12700	21.85	120000	1.00	YQRF167	4
78	11100	19.03	120000	1.45		
87	9860	16.98	120000	1.50		
102	8410	14.48	117300	2.1	YQR 167	4
123	6960	11.99	113500	2.4	YQRF167	4
145	5940	10.24	110100	2.9		
72	11900	20.44	64800	1.00		
82	10500	18.04	67100	1.00	YQR 147	4
95	9080	15.64	69000	1.45	YQRF147	4
106	8080	13.91	70200	1.55		
123	6960	11.99	71400	1.85		
152	5660	9.74	72500	2.3		
179	4800	8.26	73000	2.7	YQR 147	4
204	4210	7.25	70900	2.1	YQRF147	4
251	3420	5.89	68300	2.5		
296	2900	5.00	66100	3.0		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_s	Model	Pole P
110kW						
53	19800	27.96	117100	0.90	YQR 167	4
63	16800	23.71	116900	1.05	YQRF 167	4
78	13500	19.03	115500	1.20		
87	12000	16.98	114300	1.25	YQR 167	4
103	10200	14.48	112200	1.75	YQRF 167	4
124	8480	11.99	109300	2.0		
145	7240	10.24	106500	2.3		
132kW						
63	20100	23.71	107900	0.90	YQR 167	4
					YQRF 167	4
78	16200	19.03	108300	1.00		
87	14400	16.98	107800	1.05	YQR 167	4
103	12300	14.48	106700	1.45	YQRF 167	4
124	10200	11.99	104700	1.65		
145	8690	10.24	102600	1.95		
160kW						
103	14900	14.48	99700	1.20	YQR 167	4
124	12300	11.99	98900	1.40	YQRF 167	4
145	10500	10.24	97600	1.60		



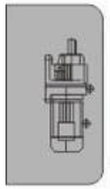
YQR27/37R17 YQR47R37 n_a=1400 r/min

YQR27/R17 130Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
8612	0.16	130	4230
7425	0.19	130	4230
6921	0.20	130	4230
6050	0.23	130	4230
5217	0.27	130	4230
4661	0.30	130	4230
4073	0.34	130	4230
3516	0.40	130	4230
3160	0.44	130	4230
2763	0.51	130	4230
2414	0.58	130	4230
2110	0.66	130	4230
1862	0.75	130	4230
1822	0.77	130	4230
1625	0.86	130	4230
1580	0.89	130	4230
1464	0.96	130	4230
1434	0.98	130	4230
1270	1.1	130	4230
1254	1.1	130	4230
1101	1.3	130	4230
1100	1.3	130	4230
972	1.4	130	4230
962	1.5	130	4230
848	1.7	130	4230
840	1.7	130	4230
743	1.9	130	4230
741	1.9	130	4230
654	2.1	130	4230
649	2.2	130	4230
567	2.5	130	4230
566	2.5	130	4230
509	2.8	130	4230
499	2.8	130	4230
440	3.2	130	4230
432	3.2	130	4230
387	3.6	130	4230
381	3.7	130	4230
339	4.1	130	4230
329	4.3	130	4230
296	4.7	130	4230
290	4.8	130	4230
259	5.4	130	4230
256	5.5	130	4230
229	6.1	130	4230
227	6.2	130	4230
203	6.9	130	4230
200	7.0	130	4230
179	7.8	130	4230
177	7.9	130	4230
166	8.4	130	4230
156	9.0	130	4230
150	9.3	130	4230
141	9.9	130	4230
135	10	130	4230
124	11	130	4230
118	12	130	4230
110	13	130	4230
104	13	130	4230
94	15	130	4230
90	16	130	4230

YQR37/R17 200Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
8595	0.16	200	4950
7411	0.19	200	4950
6907	0.20	200	4950
6038	0.23	200	4950
5206	0.27	200	4950
4654	0.30	200	4950
4065	0.34	200	4950
3658	0.38	200	4950
3154	0.44	200	4950
2757	0.51	200	4950
2409	0.58	200	4950
2106	0.66	200	4950
1856	0.75	200	4950
1818	0.77	200	4950
1622	0.86	200	4950
1576	0.89	200	4950
1431	0.98	200	4950
1359	1.0	200	4950
1267	1.1	200	4950
1251	1.1	200	4950
1099	1.3	200	4950
1098	1.3	200	4950
970	1.4	200	4950
960	1.5	200	4950
847	1.7	200	4950
839	1.7	200	4950
741	1.9	200	4950
740	1.9	200	4950
653	2.1	200	4950
647	2.2	200	4950
577	2.4	200	4950
566	2.5	200	4950
508	2.8	200	4950
498	2.8	200	4950
439	3.2	200	4950
431	3.2	200	4950
387	3.6	200	4950
378	3.7	200	4950
338	4.1	200	4950
328	4.3	200	4950
296	4.7	200	4950
289	4.8	200	4950
265	5.3	200	4950
259	5.4	200	4950
228	6.1	200	4950
226	6.2	200	4950
202	6.9	200	4950
199	7.0	200	4950
179	7.8	200	4950
172	8.1	200	4950
156	9.0	200	4950
150	9.3	200	4950
135	10	200	4950
130	11	200	4950
127	11	200	4950
124	11	200	4950
110	13	200	4950
104	13	200	4950
94	15	200	4950
90	16	200	4950

YQR47R37 300Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
13598	0.10	300	5420
12472	0.11	300	5420
10619	0.13	300	5420
9155	0.15	300	5420
8534	0.16	300	5420
7460	0.19	300	5420
6993	0.20	300	5420
6171	0.23	300	5420
5624	0.25	300	5420
4849	0.29	300	5420
4520	0.31	300	5420
3951	0.35	300	5420
3704	0.38	300	5420
3268	0.43	300	5420
2898	0.48	300	5420
2856	0.49	300	5420
2625	0.53	300	5420
2598	0.54	300	5420
2463	0.57	300	5420
2383	0.59	300	5420
2246	0.62	300	5420
2029	0.69	300	5420
1948	0.72	300	5420
1821	0.77	300	5420
1749	0.80	300	5420
1630	0.86	300	5420
1573	0.89	300	5420
1425	0.98	300	5420
1336	1.0	300	5420
1193	1.2	300	5420
1179	1.2	300	5420
1074	1.3	300	5420
1020	1.4	300	5420
955	1.5	300	5420
927	1.5	300	5420
963	1.6	300	5420
904	1.7	300	5420
755	1.9	300	5420
708	2.0	300	5420
673	2.1	300	5420
624	2.2	300	5420
572	2.4	300	5420
554	2.5	300	5420
546	2.6	300	5420
510	2.7	300	5420
502	2.8	300	5420
471	3.0	300	5420
436	3.2	300	5420
429	3.3	300	5420
408	3.4	300	5420
372	3.8	300	5420
348	4.0	300	5420
344	4.1	300	5420
301	4.7	300	5420
255	5.5	300	5420
228	6.1	300	5420
195	7.2	300	5420
182	7.7	300	5420
154	9.1	300	5420
129	11	300	5420
109	13	300	5420
98	14	300	5420

YQR57/67/77R37 n_a=1400 r/min



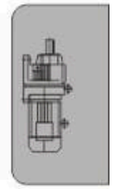
YQR57R37 450Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
14369	0.10	450	7110
12095	0.12	450	7110
10860	0.13	450	7110
9445	0.15	450	7110
8480	0.17	450	7110
7312	0.19	450	7110
6521	0.21	450	7110
5585	0.25	450	7110
4928	0.28	450	7110
4378	0.32	450	7110
3873	0.36	450	7110
3344	0.42	450	7110
2957	0.47	450	7110
2907	0.48	450	7110
2567	0.55	450	7110
2508	0.56	450	7110
2309	0.61	450	7110
2244	0.62	450	7110
1991	0.70	450	7110
1967	0.71	450	7110
1768	0.79	450	7110
1732	0.81	450	7110
1555	0.90	450	7110
1520	0.92	450	7110
1399	1.0	450	7110
1342	1.0	450	7110
1189	1.2	450	7110
1164	1.2	450	7110
1034	1.4	450	7110
1027	1.4	450	7110
894	1.6	450	7110
805	1.7	450	7110
782	1.8	450	7110
683	2.0	450	7110
678	2.1	450	7110
604	2.3	450	7110
603	2.3	450	7110
537	2.6	450	7110
534	2.6	450	7110
471	3.0	450	7110
454	3.1	450	7110
410	3.4	450	7110
359	3.9	450	7110
357	3.9	450	7110
324	4.3	450	7110
319	4.4	450	7110
290	4.8	450	7110
273	5.1	450	7110
262	5.3	450	7110
246	5.7	450	7110
241	5.8	450	7110
220	6.4	450	7110
215	6.5	450	7110
188	7.4	450	7110
187	7.5	450	7110
164	8.5	450	7110
159	8.8	450	7110
146	9.6	450	7110
142	9.9	450	7110
134	10	450	7110

YQR67R37 600Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
15361	0.09	600	7170
12931	0.11	600	7170
11996	0.12	600	7170
10097	0.14	600	7170
9066	0.15	600	7170
7816	0.18	600	7170
6732	0.21	600	7170
5970	0.23	600	7170
5268	0.27	600	7170
4680	0.30	600	7170
4136	0.34	600	7170
3566	0.39	600	7170
3125	0.45	600	7170
2745	0.51	600	7170
2682	0.52	600	7170
2460	0.57	600	7170
2403	0.58	600	7170
2136	0.66	600	7170
2094	0.67	600	7170
1852	0.76	600	7170
1805	0.78	600	7170
1652	0.85	600	7170
1629	0.86	600	7170
1471	0.95	600	7170
1432	0.98	600	7170
1379	1.0	600	7170
1259	1.1	600	7170
1109	1.3	600	7170
1106	1.3	600	7170
956	1.5	600	7170
891	1.6	600	7170
836	1.7	600	7170
750	1.9	600	7170
730	1.9	600	7170
646	2.2	600	7170
644	2.2	600	7170
574	2.4	600	7170
571	2.5	600	7170
495	2.8	600	7170
486	2.9	600	7170
443	3.2	600	7170
438	3.2	600	7170
388	3.6	600	7170
384	3.6	600	7170
359	3.9	600	7170
344	4.1	600	7170
310	4.5	600	7170
294	4.8	600	7170
264	5.3	600	7170
261	5.4	600	7170
235	6.0	600	7170
234	6.0	600	7170
201	7.0	600	7170
200	7.0	600	7170
181	7.7	600	7170
181	7.7	600	7170
176	8.0	600	7170
189	8.8	600	7170
158	8.9	600	7170

YQR77R37 820Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
16370	0.09	820	9920
15015	0.09	820	9920
13885	0.10	820	9920
12783	0.11	820	9920
11021	0.13	820	9920
9788	0.14	820	9920
8714	0.16	820	9920
7617	0.18	820	9920
6770	0.21	820	9920
5838	0.24	820	9920
5184	0.27	820	9920
4470	0.31	820	9920
3999	0.35	820	9920
3488	0.40	820	9920
3151	0.44	820	9920
3053	0.46	820	9920
2890	0.48	820	9920
2671	0.52	820	9920
2460	0.57	820	9920
2345	0.60	820	9920
2121	0.66	820	9920
2070	0.68	820	9920
1977	0.71	820	9920
1822	0.77	820	9920
1728	0.81	820	9920
1620	0.86	820	9920
1580	0.89	820	9920
1430	0.98	820	9920
1394	1.0	820	9920
1303	1.1	820	9920
1218	1.1	820	9920
1124	1.2	820	9920
1084	1.3	820	9920
1047	1.3	820	9920
940	1.5	820	9920
915	1.5	820	9920
858	1.6	820	9920
821	1.7	820	9920
757	1.8	820	9920
731	1.9	820	9920
671	2.1	820	9920
646	2.1	820	9920
571	2.5	820	9920
560	2.6	820	9920
520	2.7	820	9920
488	2.9	820	9920
451	3.1	820	9920
436	3.2	820	9920
522	3.3	820	9920
373	3.8	820	9920
365	3.8	820	9920
327	4.3	820	9920
310	4.5	820	9920
289	4.8	820	9920
276	5.1	820	9920
260	5.4	820	9920
236	5.9	820	9920
224	6.2	820	9920
221	6.3	820	9920
197	7.1	820	9920
186	7.5	820	9920
169	8.3	820	9920
149	9.4	820	9920

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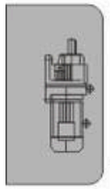
YQR87/97R57, YQR107R77 n_a=1400 r/min



YQR87R57 1550Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
17452	0.08	1550	16900
15310	0.09	1550	16900
13813	0.10	1550	16900
12025	0.12	1550	16900
10549	0.13	1550	16900
9244	0.15	1550	16900
8109	0.17	1550	16900
7038	0.20	1550	16900
6174	0.23	1550	16900
5449	0.26	1550	16900
4831	0.29	1550	16900
4206	0.33	1550	16900
4020	0.35	1550	16900
3744	0.37	1550	16900
3703	0.38	1550	16900
3233	0.43	1550	16900
3182	0.44	1550	16900
2873	0.49	1550	16900
2770	0.51	1550	16900
2595	0.54	1550	16900
2518	0.56	1550	16900
2209	0.63	1550	16900
2129	0.66	1550	16900
1961	0.71	1550	16900
1930	0.73	1550	16900
1737	0.81	1550	16900
1733	0.81	1550	16900
1524	0.92	1550	16900
1489	0.94	1550	16900
1395	1.0	1550	16900
1303	1.1	1550	16900
1232	1.1	1550	16900
1145	1.2	1550	16900
1143	1.2	1550	16900
1037	1.4	1550	16900
1008	1.4	1550	16900
994	1.4	1550	16900
931	1.5	1550	16900
885	1.6	1550	16900
881	1.6	1550	16900
802	1.7	1550	16900
776	1.8	1550	16900
754	1.9	1550	16900
685	2.0	1550	16900
649	2.2	1550	16900
599	2.3	1550	16900
580	2.4	1550	16900
538	2.6	1550	16900
525	2.7	1550	16900
472	3.0	1550	16900
456	3.1	1550	16900
400	3.5	1550	16900
398	3.5	1550	16900
361	3.9	1550	16900
352	4.0	1550	16900
305	4.6	1550	16900
300	4.7	1550	16900
268	5.2	1550	16900
256	5.5	1550	16900
236	5.9	1550	16900
232	6.0	1550	16900
232	6.0	1550	16900
209	6.7	1550	16900
195	7.2	1550	16900

YQR97R57 3000Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
21769	0.06	3000	19800
19332	0.07	3000	19800
17230	0.08	3000	19800
14999	0.09	3000	19800
13320	0.11	3000	19800
11156	0.13	3000	19800
10030	0.14	3000	19800
8706	0.16	3000	19800
7692	0.18	3000	19800
6708	0.21	3000	19800
5931	0.24	3000	19800
5161	0.27	3000	19800
4678	0.30	3000	19800
4559	0.31	3000	19800
4309	0.32	3000	19800
4004	0.35	3000	19800
3702	0.38	3000	19800
3481	0.40	3000	19800
3065	0.46	3000	19800
3019	0.46	3000	19800
2722	0.51	3000	19800
2668	0.62	3000	19800
2311	0.61	3000	19800
2245	0.62	3000	19800
2078	0.67	3000	19800
2016	0.69	3000	19800
1823	0.77	3000	19800
1733	0.81	3000	19800
1623	0.86	3000	19800
1583	0.88	3000	19800
1434	0.98	3000	19800
1396	1.0	3000	19800
1228	1.1	3000	19800
1207	1.2	3000	19800
1084	1.3	3000	19800
1069	1.3	3000	19800
938	1.5	3000	19800
934	1.5	3000	19800
878	1.6	3000	19800
824	1.7	3000	19800
755	1.9	3000	19800
737	1.9	3000	19800
632	2.2	3000	19800
625	2.2	3000	19800
560	2.5	3000	19800
549	2.6	3000	19800
484	.9	3000	19800
466	3.0	3000	19800
431	3.2	3000	19800
420	3.3	3000	19800
379	3.7	3000	19800
370	3.8	3000	19800
349	4.0	3000	19800
336	4.2	3000	19800
297	4.7	3000	19800
296	4.7	3000	19800
270	5.2	3000	19800
249	5.6	3000	19800
234	6.0	3000	19800
227	6.2	3000	19800
209	6.7	3000	19800
249	5.6	3000	19800

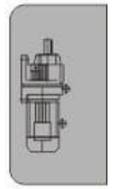
YQR107R77 4300Nm			
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
20018	0.07	4300	29500
17080	0.08	4300	29500
14936	0.09	4300	29500
12829	0.11	4300	29500
11256	0.12	4300	29500
9547	0.15	4300	29500
8618	0.16	4300	29500
7583	0.18	4300	29500
6743	0.21	4300	29500
5914	0.24	4300	29500
5168	0.27	4300	29500
4435	0.32	4300	29500
3918	0.36	4300	29500
3898	0.36	4300	29500
3432	0.41	4300	29500
3343	0.42	4300	29500
3039	0.46	4300	29500
3034	0.46	4300	29500
2688	0.52	4300	29500
2653	0.53	4300	29500
2839	0.60	4300	29500
2280	0.61	4300	29500
2067	0.69	4300	29500
1987	0.70	4300	29500
1827	0.77	4300	29500
1693	0.83	4300	29500
1599	0.88	4300	29500
1550	0.90	4300	29500
1407	1.0	4300	29500
1400	1.0	4300	29500
1226	1.1	4300	29500
1209	1.2	4300	29500
1104	1.3	4300	29500
1055	1.3	4300	29500
939	1.5	4300	29500
919	1.5	4300	29500
822	1.7	4300	29500
815	1.7	4300	29500
717	2.0	4300	29500
626	2.2	4300	29500
614	2.3	4300	29500
544	2.6	4300	29500
528	2.7	4300	29500
492	2.8	4300	29500
469	3.0	4300	29500
426	3.3	4300	29500
417	3.4	4300	29500
377	3.7	4300	29500
369	3.8	4300	29500
325	4.3	4300	29500
323	4.3	4300	29500
285	4.9	4300	29500
284	4.9	4300	29500
256	5.5	4300	29500
253	5.5	4300	29500
220	6.4	4300	29500
214	6.5	4300	29500
193	7.3	4300	29500
187	7.5	4300	29500
172	8.1	4300	29500



YQR137/147R77,YQR147R87 n_a=1400 r/min

YQR137R77			8000Nm	YQR147R77			13000Nm	YQR147R87			13000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]	i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]	i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
22203	0.06	8000	53400	23401	0.06	13000	62700	533	2.6	13000	62700
18945	0.07	8000	53400	21342	0.07	13000	62700	462	3.0	13000	62700
16565	0.08	8000	53400	18210	0.08	13000	62700	426	3.3	13000	62700
14777	0.09	8000	53400	15923	0.09	13000	62700	368	3.8	13000	62700
12921	0.11	8000	53400	14075	0.10	13000	62700	326	4.3	13000	62700
11712	0.12	8000	53400	12344	0.11	13000	62700	280	5.0	13000	62700
10573	0.13	8000	53400	11143	0.13	13000	62700	247	5.7	13000	62700
8784	0.16	8000	53400	9743	0.14	13000	62700	214	6.5	13000	62700
7479	0.19	8000	53400	8443	0.17	13000	62700	189	7.4	13000	62700
6559	0.21	8000	53400	7307	0.19	13000	62700	159	8.8	13000	62700
5834	0.24	8000	53400	6447	0.22	13000	62700				
5116	0.27	8000	53400	5568	0.25	13000	62700				
4709	0.30	8000	53400	4926	0.28	13000	62700				
4464	0.31	8000	53400	4325	0.32	13000	62700				
4017	0.35	8000	53400	3754	0.37	13000	62700				
3928	0.36	8000	53400	3302	0.42	13000	62700				
3514	0.40	8000	53400	2898	0.48	13000	62700				
3454	0.41	8000	53400	2555	0.55	13000	62700				
3338	0.42	8000	53400	2211	0.63	13000	62700				
2993	0.47	8000	53400	1951	0.72	13000	62700				
2929	0.48	8000	53400	1705	0.82	13000	62700				
2658	0.53	8000	53400	1536	0.91	13000	62700				
2484	0.56	8000	53400	1329	1.1	13000	62700				
2412	0.58	8000	53400	1166	1.2	13000	62700				
2242	0.62	8000	53400	1029	1.4	13000	62700				
2073	0.68	8000	53400	889	1.6	13000	62700				
1863	0.75	8000	53400	784	1.8	13000	62700				
1839	0.76	8000	53400	695	2.0	13000	62700				
1598	0.88	8000	53400	619	2.3	13000	62700				
1586	0.88	8000	53400	558	2.5	13000	62700				
1397	1.0	8000	53400	489	2.9	13000	62700				
1391	1.0	8000	53400	415	3.4	13000	62700				
1256	1.1	8000	53400								
1226	1.1	8000	53400								
1105	1.3	8000	53400								
1090	1.3	8000	53400								
1043	1.3	8000	53400								
951	1.5	8000	53400								
888	1.6	8000	53400								
831	1.7	8000	53400								
730	1.9	8000	53400								
699	2.0	8000	53400								
629	2.2	8000	53400								
609	2.3	8000	53400								
564	2.5	8000	53400								
560	2.5	8000	53400								
517	2.7	8000	53400								
490	2.9	8000	53400								
453	3.1	8000	53400								
428	3.3	8000	53400								
381	3.7	8000	53400								
376	3.7	8000	53400								
339	4.1	8000	53400								
323	4.3	8000	53400								
297	4.7	8000	53400								
291	4.8	8000	53400								
255	5.5	8000	53400								
223	6.3	8000	53400								
197	7.1	8000	53400								
175	8.0	8000	53400								

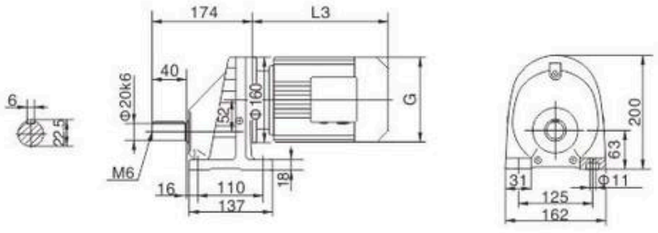
YUQIU MACHINERY Through the ISO9001:2015 international system certification



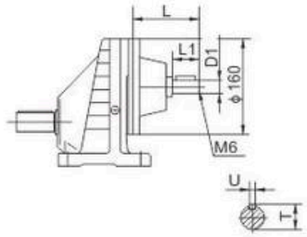
YQR167/97, YQR167R107 n_a=1400 r/min

YQR167R97			18000Nm	YQR167R107			18000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]	i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
27001	0.05	18000	120000	3637	0.38	18000	120000
22482	0.06	18000	120000	3330	0.42	18000	120000
20002	0.07	18000	120000	2757	0.51	18000	120000
17361	0.08	18000	120000	2436	0.57	18000	120000
15446	0.09	18000	120000	2298	0.61	18000	120000
14051	0.10	18000	120000	2066	0.68	18000	120000
11812	0.12	18000	120000	1849	0.76	18000	120000
10509	0.13	18000	120000	1674	0.84	18000	120000
9631	0.15	18000	120000	1485	0.94	18000	120000
7749	0.18	18000	120000	1342	1.0	18000	120000
6894	0.20	18000	120000	1229	1.1	18000	120000
6077	0.23	18000	120000	1111	1.3	18000	120000
5407	0.26	18000	120000	950	1.5	18000	120000
4650	0.30	18000	120000	860	1.6	18000	120000
4129	0.34	18000	120000	763	1.8	18000	120000
3692	0.38	18000	120000	690	2.0	18000	120000
3099	0.45	18000	120000	585	2.4	18000	120000
2657	0.53	18000	120000	511	2.7	18000	120000
2333	0.60	18000	120000	446	3.1	18000	120000
2085	0.67	18000	120000	399	3.5	18000	120000
1877	0.75	18000	120000	361	3.9	18000	120000
1670	0.84	18000	120000	349	4.0	18000	120000
1438	0.97	18000	120000	328	4.3	18000	120000
1279	1.1	18000	120000	295	4.7	18000	120000
1123	1.2	18000	120000	291	4.8	18000	120000
999	1.4	18000	120000	270	5.2	18000	120000
861	1.6	18000	120000	264	5.3	18000	120000
760	1.8	18000	120000	229	6.1	18000	120000
656	2.1	18000	120000	227	6.2	18000	120000
579	2.4	18000	120000	200	7.0	18000	120000
503	2.8	18000	120000	198	7.0	18000	120000
432	3.2	18000	120000	169	8.3	18000	120000
376	3.7	18000	120000	168	8.3	18000	120000
335	4.2	18000	120000				
303	4.6	18000	120000				
279	5.0	18000	120000				

RX57

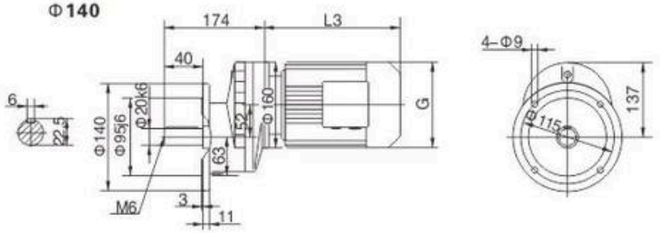


RX..S57

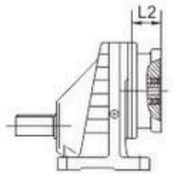


RXF57

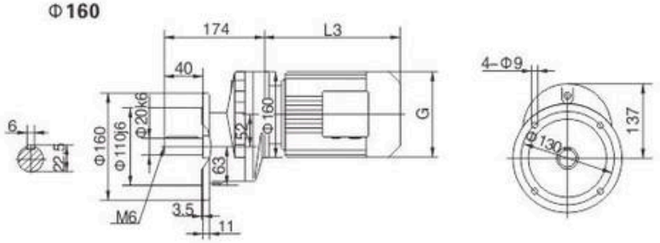
Φ140



When equipping the user's motor or the special one,the flange is required to connected.

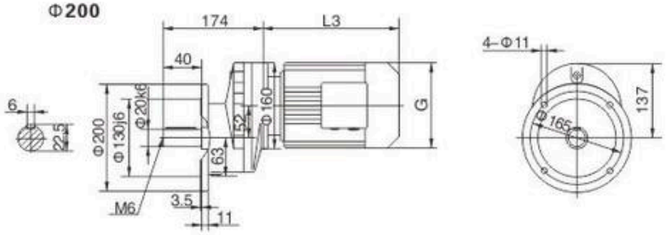


Φ160



Note: For details, see pages 75–77

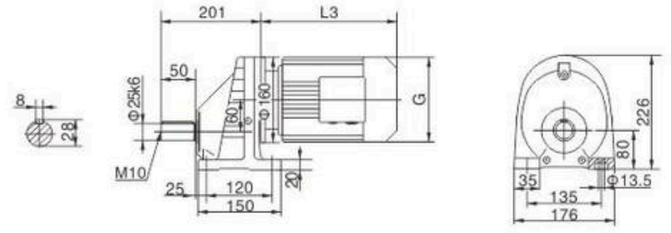
Φ200



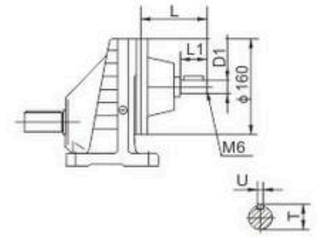
Y2 Motor size	63	71	80	90S	90L	100	112M	132S	
Power / 4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	
L3	223	245	275	304	328	350	380	425	
G	130	145	175	195	195	215	240	275	
L2	45	55	80	80	80	100	100	110	

Note:"RX.."mean RX、RXF

RX67

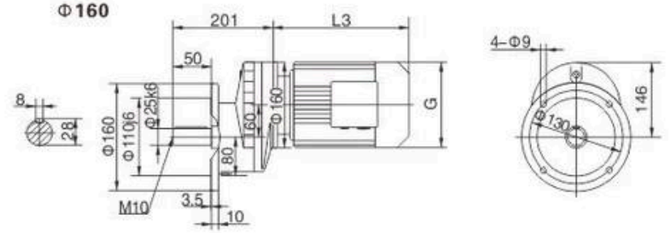


RX..S67

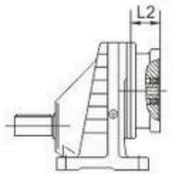


RXF67

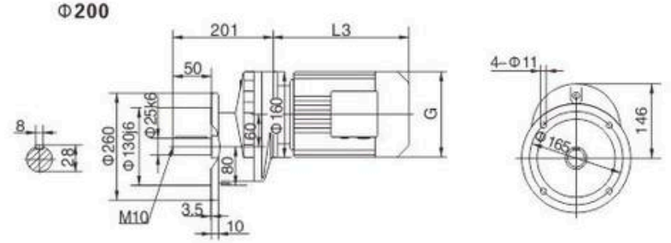
Φ160



When equipping the user's motor or the special one,the flange is required to connected.

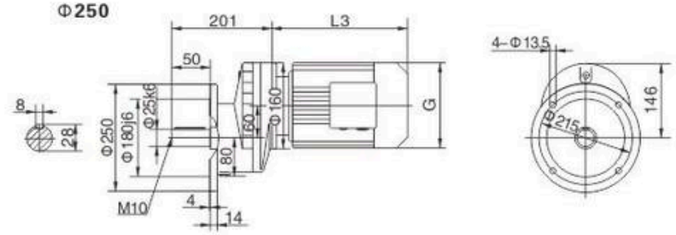


Φ200



Note: For details, see pages 75–77

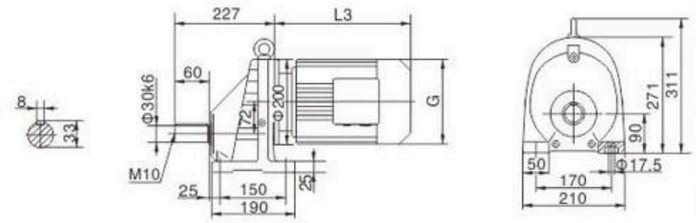
Φ250



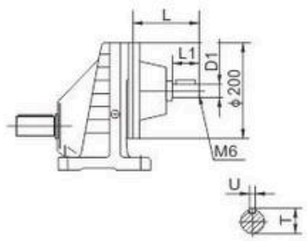
Y2 Motor size	63	71	80	90S	90L	100	112M	132S	132M	
Power / 4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	
L3	223	245	278	304	328	350	380	425	461	
G	130	145	175	195	195	215	240	275	275	
L2	45	55	80	80	80	100	100	110	110	

Note:"RX.."mean RX、RXF

RX77

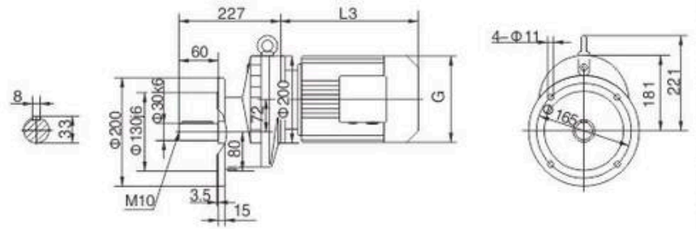


RX..S77

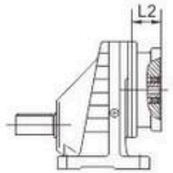


RXF77

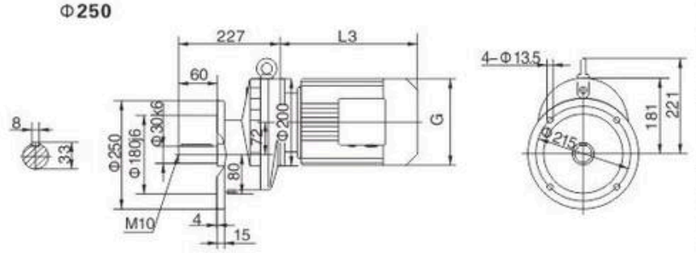
Φ200



When equipping the user's motor or the special one,the flange is required to connected.



Φ250

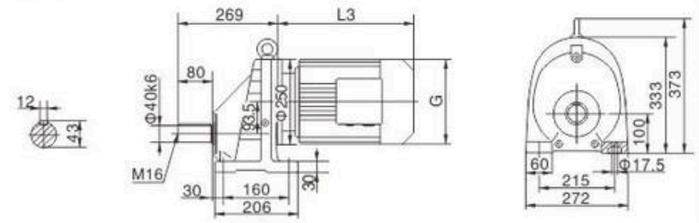


Note: For details, see pages 75–77

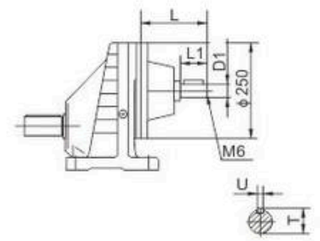
Y2 Motor size	90S	90L	100	112M	132S	132M	160M	
Power / 4P Power/(KW)	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	
L3	304	328	350	380	425	461	524	
G	195	195	215	240	275	275	330	
L2	80	80	100	100	110	110	133	

Note:"RX.."mean RX、RXF

RX87

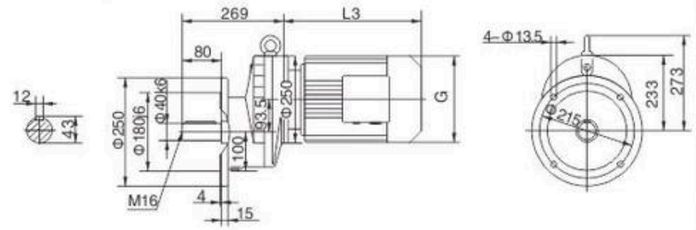


RX..S87

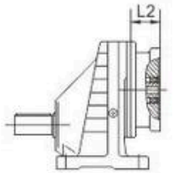


RXF87

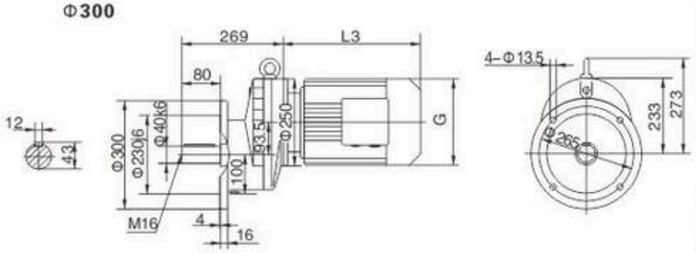
Φ250



When equipping the user's motor or the special one,the flange is required to connected.



Φ300

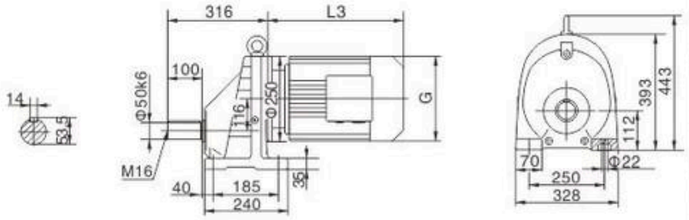


Note: For details, see pages 75–77

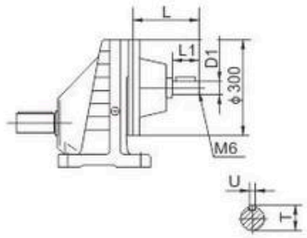
Y2 Motor size	100	112M	132S	132M	160M	160L	180M	180L	
Power / 4P Power/(KW)	2.2 | 3.0	4.0	5.5	7.5	11	15	18.5	22	
L3	350	380	425	461	524	547	583	616	
G	215	240	275	275	330	330	380	380	
L2	100	100	110	110	133	133	133	133	

Note:"RX.."mean RX、RXF

RX97

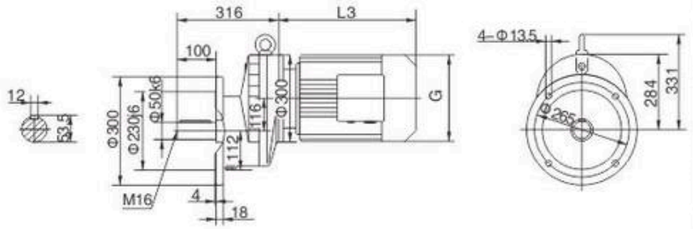


RX..S97

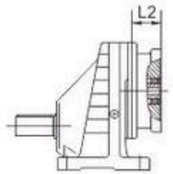


RXF97

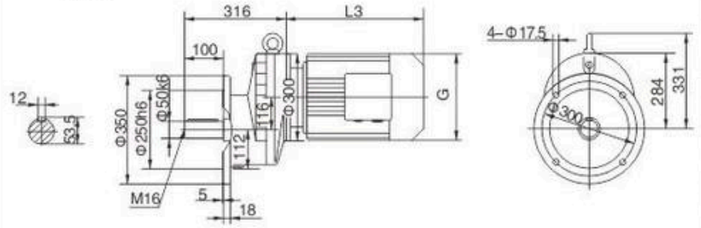
Φ300



When equipping the user's motor or the special one,the flange is required to connected.



Φ350

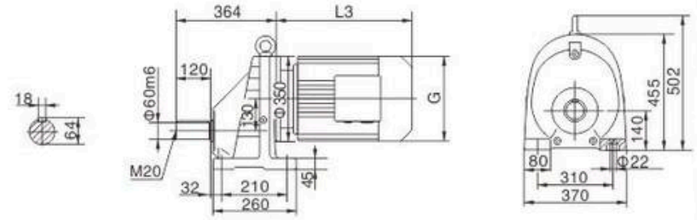


Note: For details, see pages 75-77

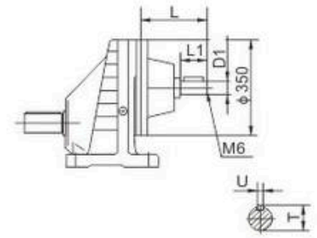
Y2 Motor size	132S	132M	160M	160L	180M	180L	200	
Power / 4P Power/(KW)	5.5	7.5	11	15	18.5	22	30	
L3	425	461	524	547	583	616	654	
G	275	275	330	330	380	380	420	
L2	110	110	133	133	133	133	135	

Note:"RX.."mean RX、RXF

RX107

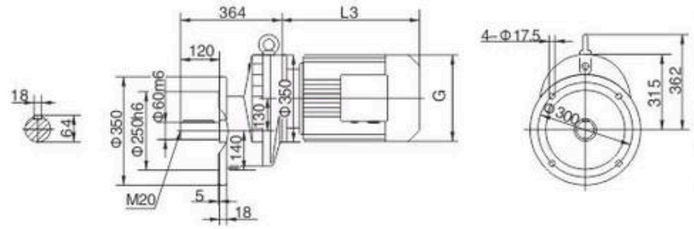


RX..S107

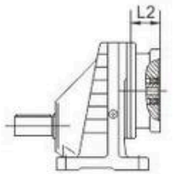


RXF107

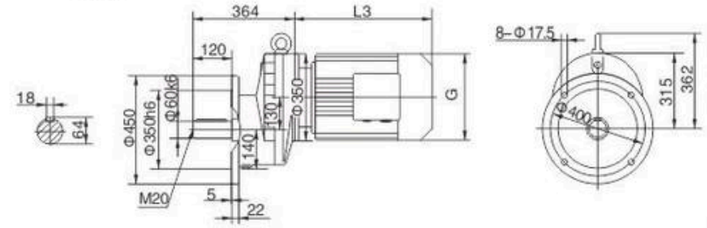
Φ350



When equipping the user's motor or the special one,the flange is required to connected.



Φ450

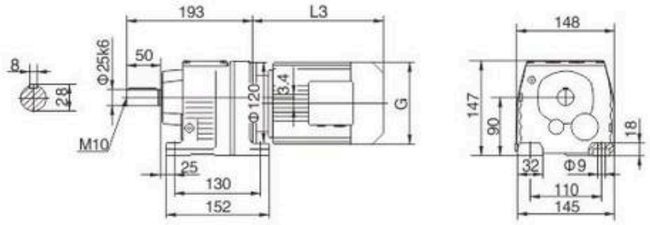


Note: For details, see pages 75-77

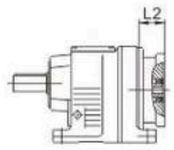
Y2 Motor size	132M	160M	160L	180M	180L	200	225S	225M	
Power / 4P Power/(KW)	7.5	11	15	18.5	22	30	37	45	
L3	461	524	547	583	616	654	680	702	
G	275	330	330	380	380	420	470	470	
L2	110	133	133	133	133	135	170	170	

Note:"RX.."mean RX、RXF

R27

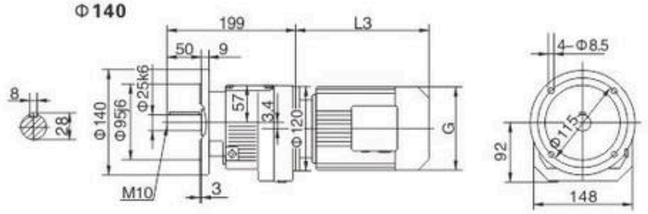


When equipping the user's motor or the special one,the flange is required to connected.

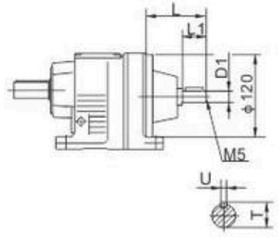


RF27

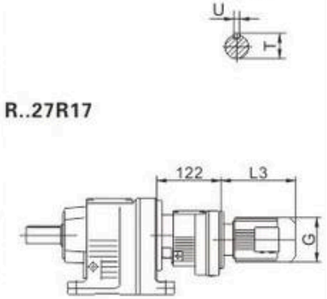
Φ140



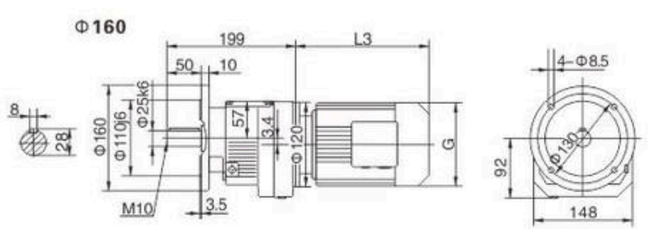
R..S27



R..27R17



Φ160

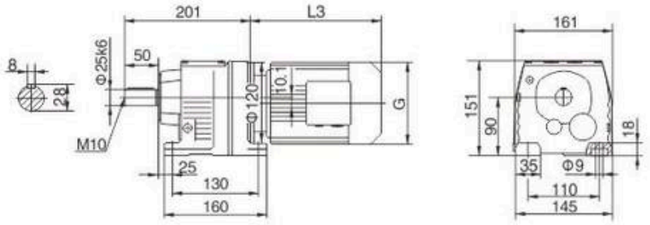


Note: For details, see pages 75–77

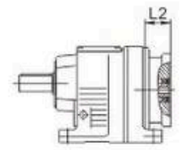
Y_2 Motor size	63	71		80		90S	90L	100		
Power / 4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	
L3	235	245		278		304	328	340		
G	130	145		175		195	195	215		
L2	45	92		80		80	80	80		

Note:"R.."mean R、RF

R37

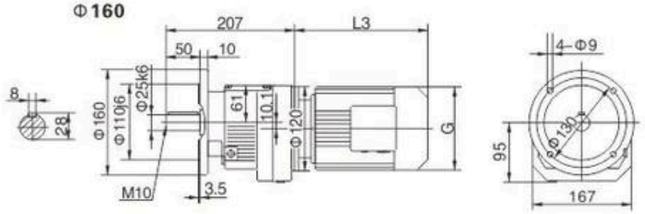


When equipping the user's motor or the special one,the flange is required to connected.

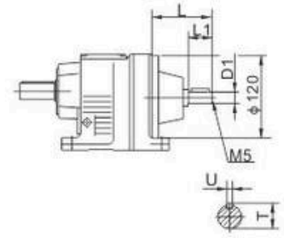


RF37

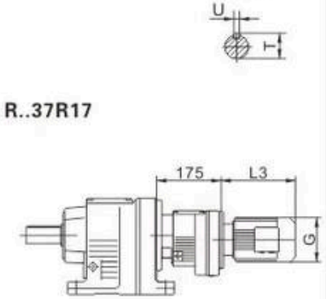
Φ160



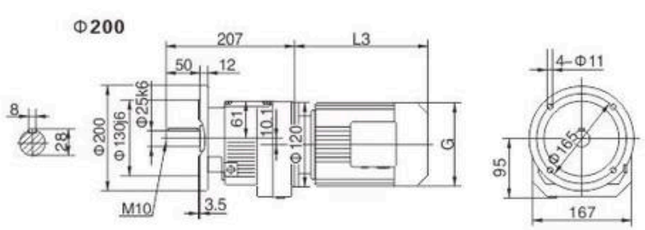
R..S37



R..37R17



Φ200

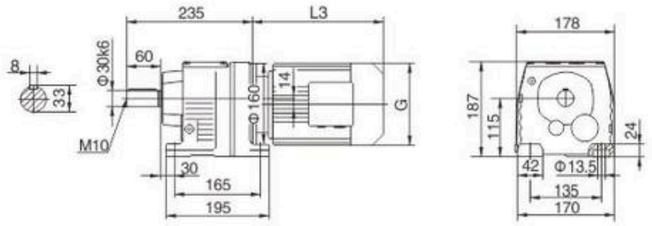


Note: For details, see pages 75–77

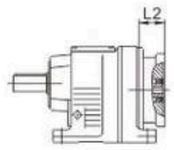
Y_2 Motor size	63	71		80		90S	90L	100L		
Power / 4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	
L3	235	245		278		304	328	340		
G	130	145		175		195	195	215		
L2	45	92		80		80	80	80		

Note:"R.."mean R、RF

R47

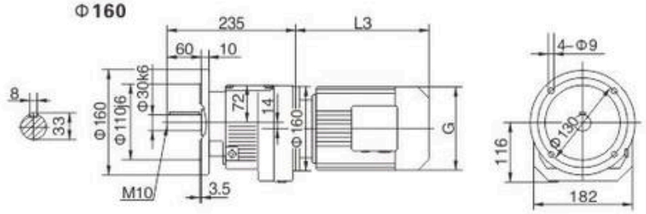


When equipping the user's motor or the special one,the flange is required to connected.

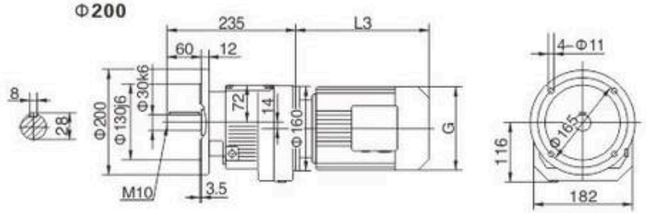


RF47

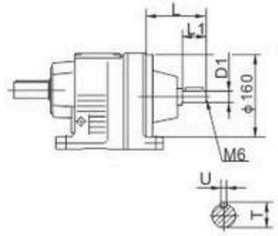
Φ160



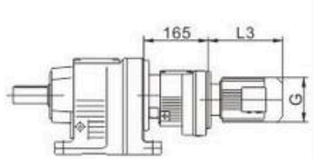
Φ200



R..S47



R..47R37

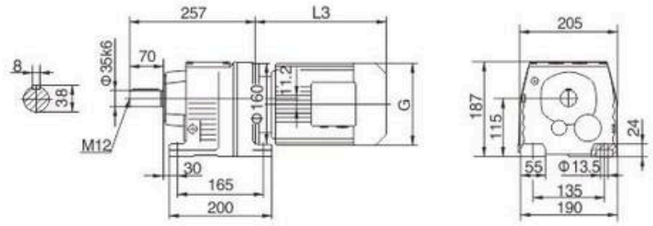


Note: For details, see pages 75–77

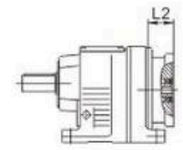
Y2 Motor size	63	71		80		90S	90L	100		112M	132S	
Power / 4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	
L3	223	245		278		304	328	340		380	425	
G	130	145		175		195	195	215		240	275	
L2	45	55		80		80	80	100		100	110	

Note:"R.."mean R、RF

R57

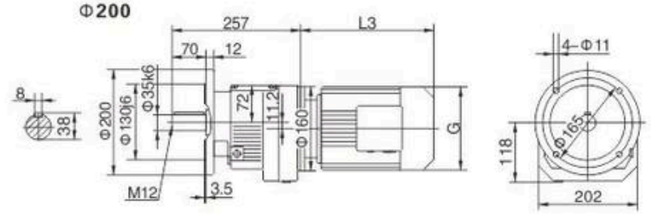


When equipping the user's motor or the special one,the flange is required to connected.

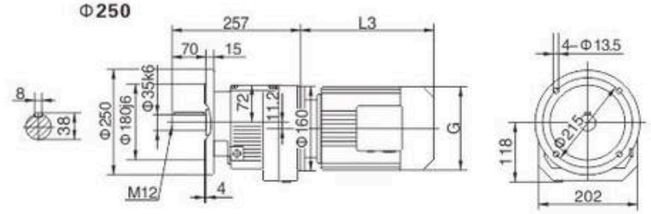


RF57

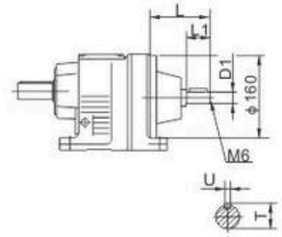
Φ200



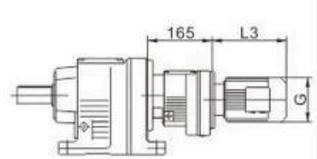
Φ250



R..S57



R..57R37

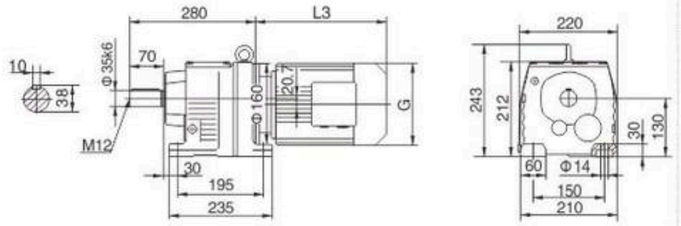


Note: For details, see pages 75–77

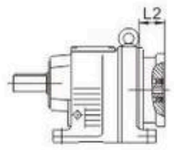
Y2 Motor size	63	71		80		90S	90L	100L		112M	132S	132M	
Power / 4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	
L3	223	245		278		304	328	340		380	425	461	
G	130	145		175		195	195	215		240	275	275	
L2	45	55		80		80	80	100		100	110	110	

Note:"R.."mean R、RF

R67

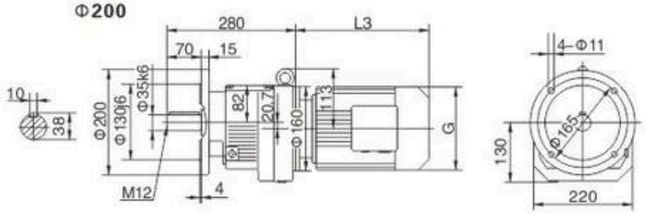


When equipping the user's motor or the special one,the flange is required to connected.

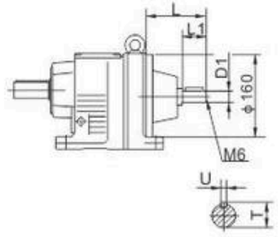


RF67

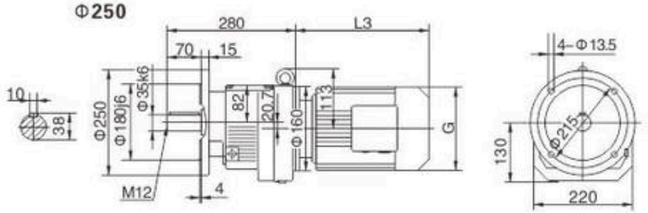
Φ200



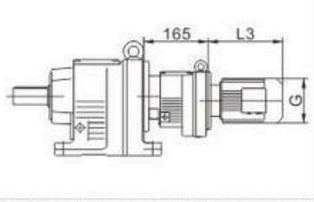
R..S67



Φ250



R..67R37

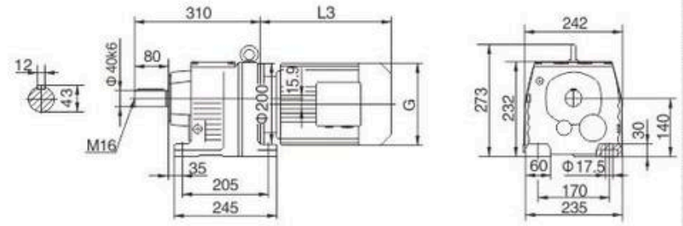


Note: For details, see pages 75–77

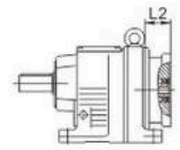
Y2 Motor size	63	71	80	90S	90L	100L	112M	132S	132M	
Power / 4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	
L3	223	245	278	304	328	350	380	425	461	
G	130	145	175	195	195	215	240	275	275	
L2	45	55	80	80	80	100	100	110	110	

Note:"R.."mean R、RF

R77

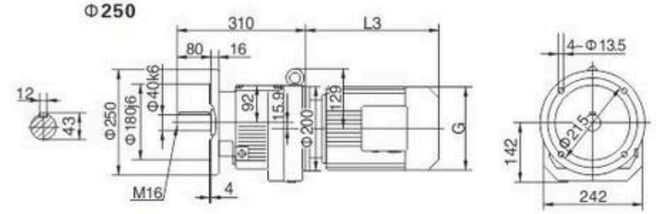


When equipping the user's motor or the special one,the flange is required to connected.

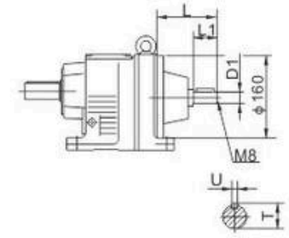


RF77

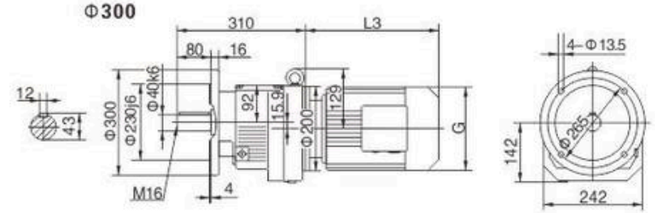
Φ250



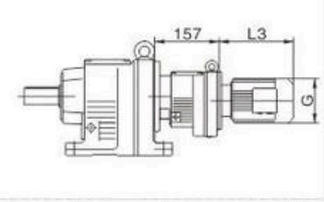
R..S77



Φ300



R..77R37

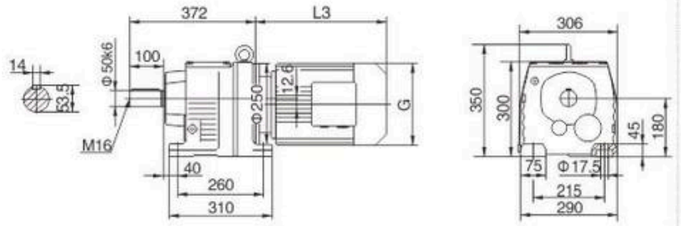


Note: For details, see pages 75–77

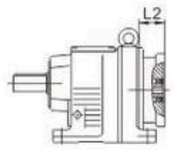
Y2 Motor size	63	71	80	90S	90L	100L	112M	132S	132M	160M
Power / 4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11
L3	223	233	278	304	328	350	380	425	461	524
G	130	145	175	195	195	215	240	275	275	330
L2	45	55	80	80	80	100	100	110	110	133

Note:"R.."mean R、RF

R87

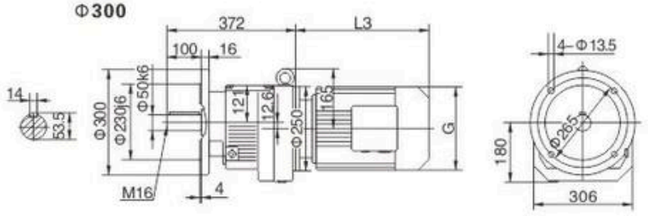


When equipping the user's motor or the special one,the flange is required to connected.

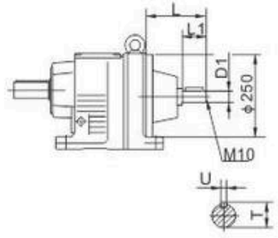


RF87

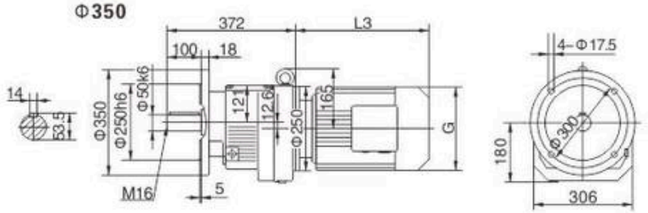
Φ300



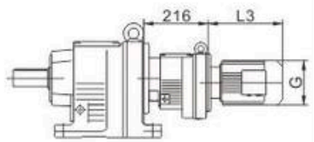
R..S87



Φ350



R..87R57

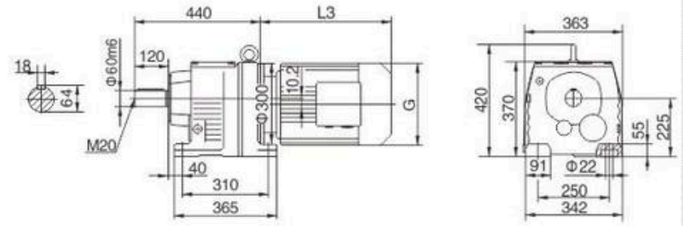


Note: For details, see pages 75–77

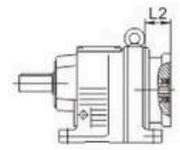
Y_2 Motor size	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L
Power / 4P Power/(KW)	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	15	18.5	22
L3	246	280	304	350	380	425	461	524	547	583	616
G	175	195	195	215	240	275	275	330	330	380	380
L2	80	80	80	100	100	110	110	133	133	133	133

Note:"R.."mean R、RF

R97

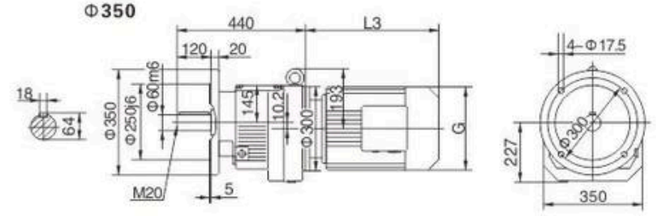


When equipping the user's motor or the special one,the flange is required to connected.

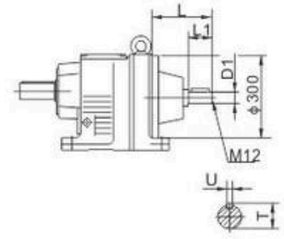


RF97

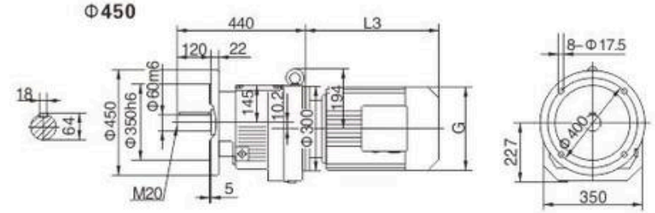
Φ350



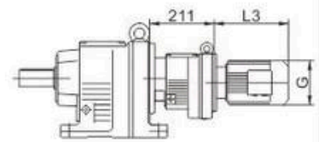
R..S97



Φ450



R..97R57

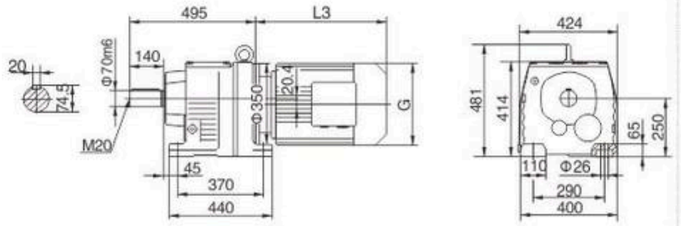


Note: For details, see pages 75–77

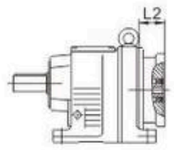
Y_2 Motor size	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200	
Power / 4P Power/(KW)	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	15	18.5	22	30	
L3	246	280	304	315	334	425	461	524	547	555	588	654	
G	175	195	195	215	240	275	275	330	330	380	380	420	
L2	107	107	107	100	100	110	110	133	133	133	133	135	

Note:"R.."mean R、RF

R107

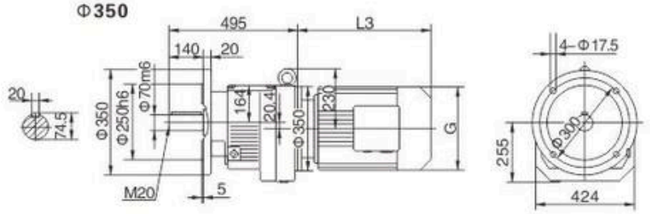


When equipping the user's motor or the special one,the flange is required to connected.

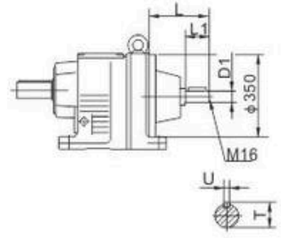


RF107

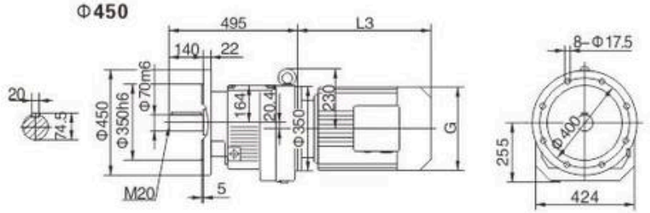
Φ350



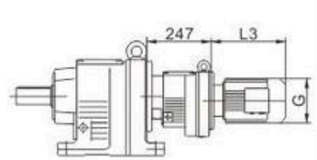
R..S107



Φ450



R..107R77

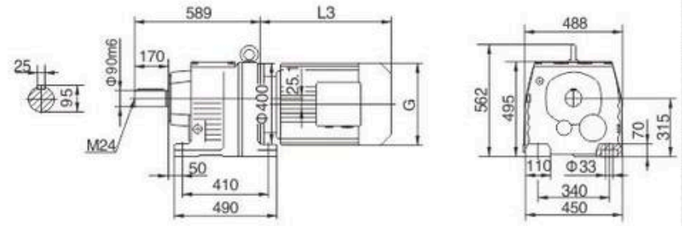


Note: For details, see pages 75–77

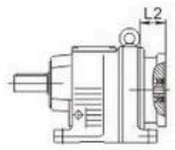
Y2 Motor size	100L		112M	132S	132M	160M	160L	180M	180L	200	225S	225M	
Power / 4P Power/(KW)	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45	
L3	318		334	386	422	504	519	555	588	654	680	702	
G	215		240	275	275	330	330	380	380	420	470	470	
L2	100		100	110	110	133	133	133	133	135	143	143	

Note:"R.."mean R、RF

R137

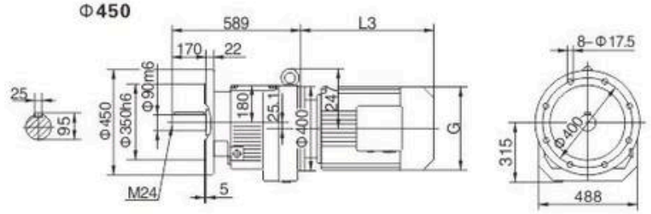


When equipping the user's motor or the special one,the flange is required to connected.

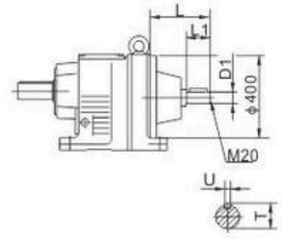


RF137

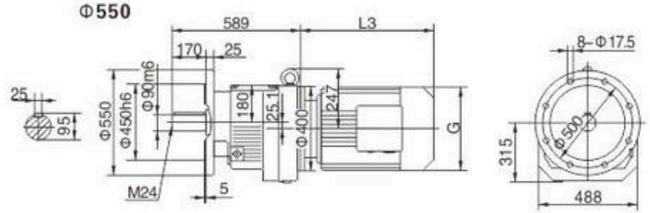
Φ450



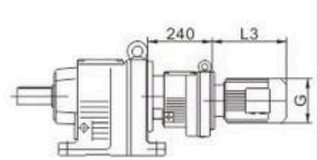
R..S137



Φ550



R..137R77

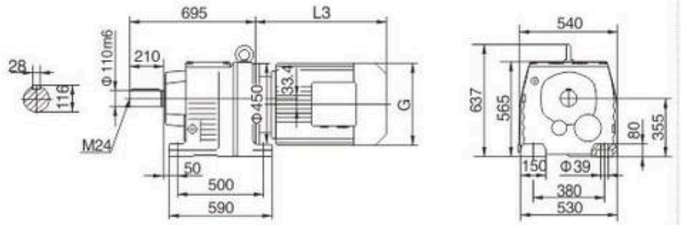


Note: For details, see pages 75–77

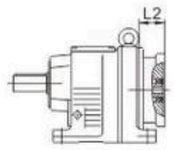
Y2 Motor size	132S	132M	160M	160L	180M	180L	200	225S	225M	250	
Power / 4P Power/(KW)	5.5	7.5	11	15	18.5	22	30	37	45	55	
L3	388	424	476	519	555	588	654	680	702	771	
G	275	275	330	330	380	380	420	470	470	510	
L2	92	92	123	123	123	123	144	143	143	170	

Note:"R.."mean R、RF

R147

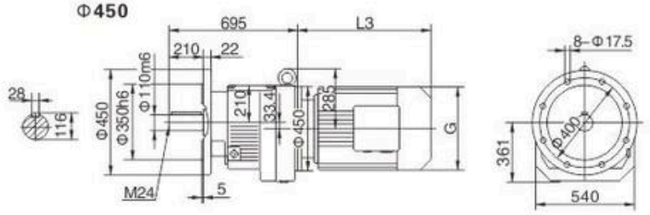


When equipping the user's motor or the special one,the flange is required to connected.

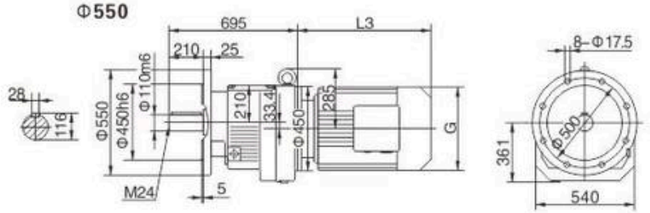


RF147

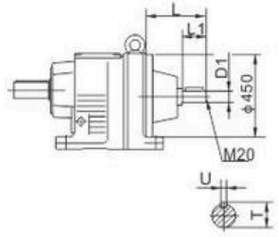
Φ450



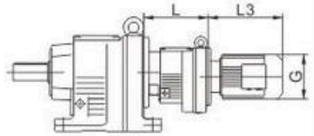
Φ550



R..S147



R..147R87(R77)



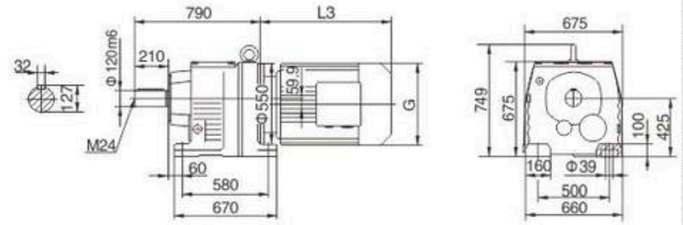
	R..147R77组合	R..147R87组合
L	232	280

Note: For details, see pages 75-77

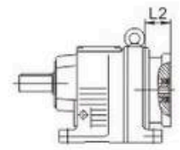
Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	
Power / 4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	
L3	567	602	583	616	654	674	696	775	845	845	
G	330	330	380	380	420	470	470	510	580	580	
L2	125	125	125	125	147	162	162	170	170	170	

Note:"R.."mean R、RF

R167

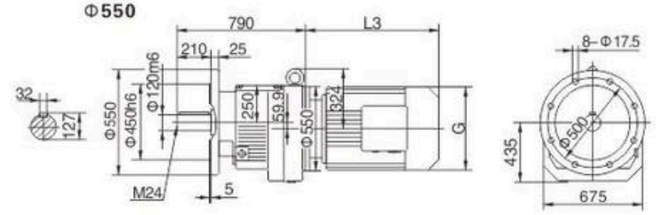


When equipping the user's motor or the special one,the flange is required to connected.

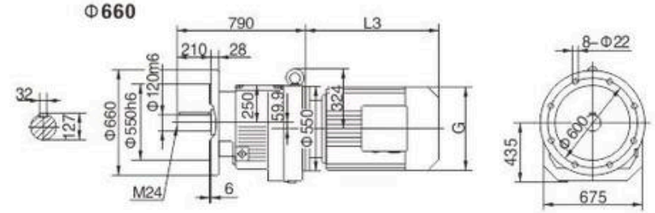


RF167

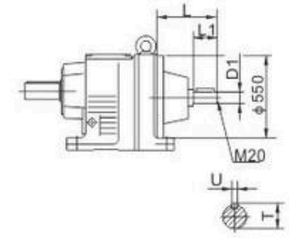
Φ550



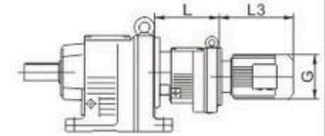
Φ660



R..S167



R..167R97(R107)



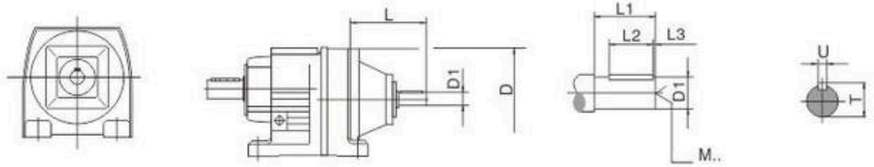
	R..167R97组合	R..167R107组合
L	325	382

Note: For details, see pages 75-77

Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	315S	315M	315L
Power / 4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	567	602	635	666	642	669	691	770	828	879	1100	1130	1360
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	125	125	125	125	147	145	145	170	170	170	–	–	–

Note:"R.."mean R、RF

YQR..AD..



		D	L	D1	L1	L3	L2	T	U	M
YQR..27 YQR..37	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
YQR..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
YQR..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
YQR..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
YQR..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	10	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
YQR..137	AD4	400	201	38	80	5	70	41	10	M12
	AD5		274	42	110	10	70	45	12	M16
	AD6		314	48	110	10	80	51.5	14	M16
	AD7		308	55	110	10	90	59	16	M20
YQR..147	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	10	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
YQR..167	AD5	550	258	42	110	10	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

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YQR..AM..

Fig.1

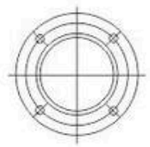
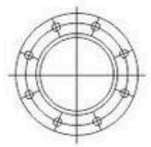
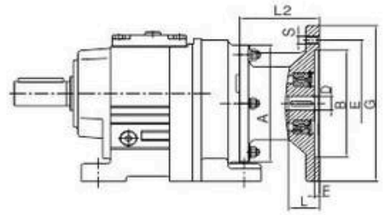


Fig.2





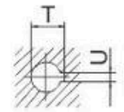


		Fig	B	E	F	A	G	S	L2	D	L	T1	U1
YQR..27 YQR..37	AM63	1	95	115	3.5	120	140	M8	45	11	23	12.8	4
	AM71[1]		110	130			160		92	14	30	16.3	5
	AM80[1]		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90[1]									24	50	27.3	8
YQR..47 YQR..57 YQR..67	AM63	1	95	115	3.5	160	140	M8	45	11	23	12.8	4
	AM71		110	130			160		55	14	30	16.3	5
	AM80		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1]		180	215	5		250	M12	100	28	60	31.3	8
	AM112[1]												
YQR..77	AM63	1	95	115	3.5	200	140	M8	45	11	23	12.8	4
	AM71		110	130			160		55	14	30	16.3	5
	AM80		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1]		180	215	5		250	M12	100	28	60	31.3	8
	AM112[1]												
	AM132S[1]		230	265	5		300		110	38	80	41.3	10
	AM132M[1]												
	AM132ML[1]												
YQR..87	AM80	1	130	165	4.5	250	200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	100	28	60	31.3	8
	AM112												
	AM132S		230	265			300		110	38	80	41.3	10
	AM132M												
	AM132ML												
	AN160[1]		250	300	6		350	M16	133	42	110	45.3	12
	AM180[1]									48		51.8	14
YQR..97	AM100	1	180	215	5	300	250	M12	100	28	60	31.3	8
	AM112												
	AM132S		230	265			300		110	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	133	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		135	55		59.3	16
	AM225[1]	2	350	400			450		143	60	140	64.4	18

Dimension G/2 May protrude past foot mounting surface if mounted on s foot-mounted gear unit, please check.

YQR..AM..

Fig.1

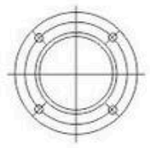
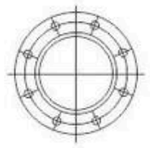
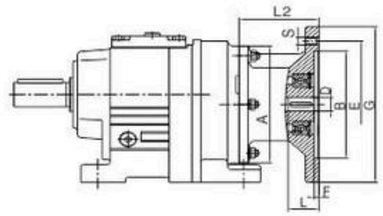


Fig.2





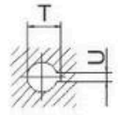
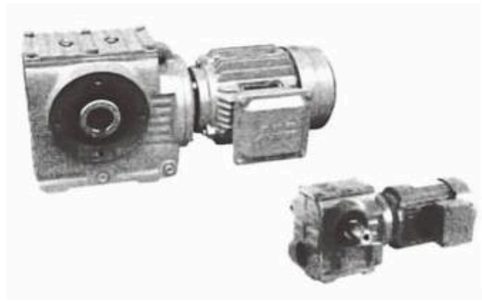
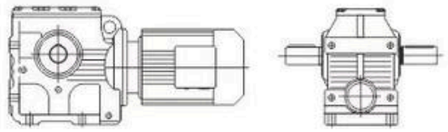


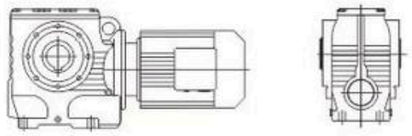
		Fig	B	E	F	A	G	S	L2	D	T	U
YQR..107	AM100	1	180	215	5	350	250	M12	100	28	31.3	8
	AM112											
	AM132S		230	265			300		110	38	41.3	10
	AM132M											
	AM132ML											
	AM160			300	6		350	M16	133	42	45.3	12
	AM180									48	51.8	14
	AM200		300	350	7		400		135	55	59.3	16
	AM225	2	350	400			450		143	60	64.4	18
YQR..137	AM132S	1	230	265	5	400	300	M12	92	38	41.3	10
	AM132M											
	AM132ML		250	300	6		350	M16	123	42	45.3	12
	AM160									48	51.8	14
	AM180											
	AM200		300	350	7		400		144	55	59.3	16
	AM225	2	350	400			450		143	60	64.4	18
YQR..147	AM132S	1	230	265	5	450	300	M12	125	38	41.3	10
	AM132M											
	AM132ML											
	AM160		250	300	6		350	M16	125	42	45.3	12
	AM180									48	51.8	14
	AM200		300	350	7		400		147	55	59.3	16
	AM225	2	350	400			450		162	60	64.4	18
	AM250		450	500			550		170	65	69.4	
	AM280									75	79.9	20
YQR..167	AN160	1	250	300	6	550	350	M16	125	42	45.3	12
	AM180									48	51.8	14
	AM200		300	350	7		400		147	55	59.3	16
	AM225	2	350	400			450		145	60	64.4	18
	AM250		450	500			550		170	65	69.4	
	AM280									75	79.9	20



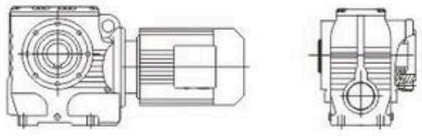
S series gear units are available in the following designs:



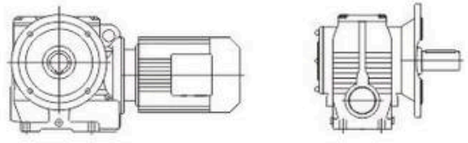
S..Y..
Foot-mounted helical-worm gear units with solld shaft



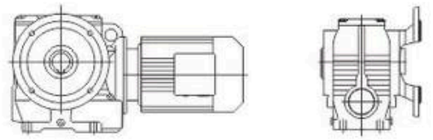
SA...Y..
Helical-worm gear units with hollow shaft



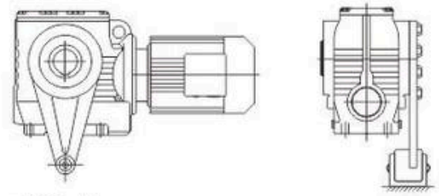
SAZ...Y..
Short-flange mounted helical-worm gear units with hollow shaft



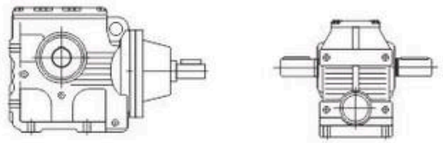
SF...Y..
Flange-mounted helical-worm gear units with solid shaft



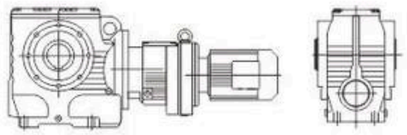
SAF...Y..
Flange-mounted helical-worm gear units with hollow shaft



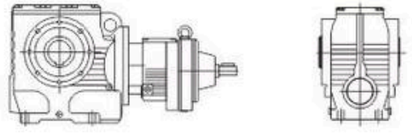
SAT...Y..
Torque-arm-mounted helical-worm gear units with hollow shaft



S(SF、SA、SAF、SAZ)S...
Shaft input helical-worm gear units



SA(S、SF、SAF、SAZ)...R...Y...
Combinatorial helical-worm gear units



SA(S、SF、SAF、SAZ)S...R...
Shaft input combinatorial helical-worm gear units



SA(S、SF、SAF、SAZ)S...R...
When equipping the user's motor or the special one, the flange is required to be connected

Type Designations:

S AF 37 - Y 0.55-4P - 12.08 - M1 - 270° - A - ϕ25

- Gear units type
- Structure
- Size
- Motor code
- Motor power、pole
- Ratio
- Mounting position
- Position of the motor thermal box
- Position of output shaft, shrink disk or flang
- Output shaft aperture

Gear units type:
Helical-worm gear units

Structure:

Foot-mounted solid shaft output	(—)
Hollow shaft output	A
Flange-mounted solid shaft output	F
Flange-mounted hollow shaft output	AF
Short-flange-mounted hollow shaft output	AZ
Torque-arm-mounted hollow shaft output	AT
Foot-mounted solid shaft output,shaft input	S
Hollow shaft output,shaft input	AS
Flange-mounted solid shaft output,shaft input	FS
Flange-mounted hollow shaft output,shaft input	AFS

Size:
(see selection table)

Motor code:

Ordinary(renew)	Y(Y2)
Flame-proof	B
Direct current	Z
Brake	YEJ
Multi-speed	D
Variable frequency	YVP
Electromagnetism speed modulation	YCT
Hoisting in metallurgy	R
Variable frequency and brake	YVPJ
Roller tables	G

Motor power、pole :
(see selection table)

Ratio:
(see selection table)

Mounting position:
M1、M2、M3、M4、M5、M6、(see page 80)

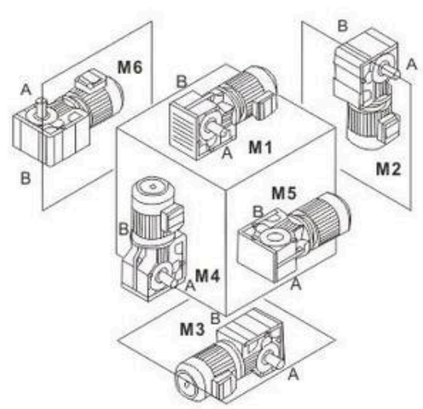
Position of the motor thermal box:
0° 、90° 、180° 、270° (see page 80)

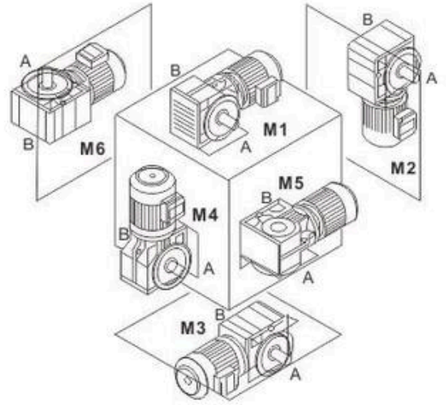
Position of output shaft or flange:
viewing on motor end:left side -A
right side-B,both sides-A+B(see mounting position)

Output shaft aperture:
(See the chart of mouting dimension)It will be omitted when solid output shaft

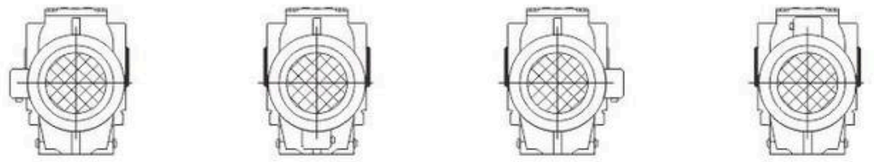
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Mounting position:





Position of the motor thermal box



0° 90° 180° 270°

Input power rating and permissible torque

Size	37	47	57	67	77	87	97
Structure	S SA SF SAF SAT SAZ						
Input power rating(kw)	0.18~0.75	0.18~1.5	0.18~3	0.25~5.5	0.55~7.5	0.75~15	1.5~22
Ratio	10.27~165.71	11.46~244.74	10.75~196.21	11.55~227.20	9.96~241.09	11.83~223.26	12.75~230.48
Permissible torque (N.m)	90	170	300	520	1270	2280	4000

Gear unit weight

Size	37	47	57	67	77	87	97
Weight (kg)	7	10	14	26	50	100	170

The weights are mean values, only for reference.

Lubrication table

S...:

Size	Fill quantity in liters					
	M1	M2	M3[1)]	M4	M5	M6
S37	0.25	0.4	0.5	0.6	0.4	0.4
S47	0.35	0.8	0.7	1.1	0.8	0.8
S57	0.5	1.2	1	1.5	1.3	1.3
S67	1	2.0	2.2/3.1	3.2	2.6	2.6
S77	1.9	4.2	3.7/5.4	6	4.4	4.4
S87	3.3	8.1	6.9/10.4	12	8.4	8.4
S97	6.8	15	13.4/18	22.5	17	17

SF...:

Size	Fill quantity in liters					
	M1	M2	M3[1)]	M4	M5	M6
SF37	0.25	0.4	0.5	0.6	0.4	0.4
SF47	0.4	0.9	0.9	1.2	1.0	1.0
SF57	0.5	1.2	1	1.6	1.4	1.4
SF67	1	2.2	2.3/3	3.2	2.7	2.7
SF77	1.9	4.1	3.9/5.8	6.5	4.9	4.9
SF87	3.8	8	7.1/10.1	12	9.1	9.1
SF97	7.4	15	13.8/18.8	23.6	18	18

SA...、SAF...、SAZ...:

Size	Fill quantity in liters					
	M1	M2	M3[1)]	M4	M5	M6
S..37	0.25	0.4	0.5	0.6	0.4	0.4
S..47	0.4	0.8	0.7	1.1	0.8	0.8
S..57	0.5	1.1	1	1.6	1.2	1.2
S..67	1	2.0	1.8/2.6	2.9	2.5	2.5
S..77	1.8	3.9	3.6/5	5.9	4.5	4.5
S..87	3.8	7.4	6/8.7	11.2	8	8
S..97	7	14	11.4/16	21	15.7	15.7

Notes: [1)] The large gear unit of multi-stage gear units must be filled with the larger oil volume.

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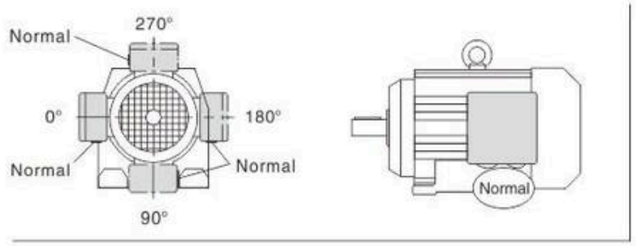
Note: 1. The shaft input type does not have all the contents of the motor.

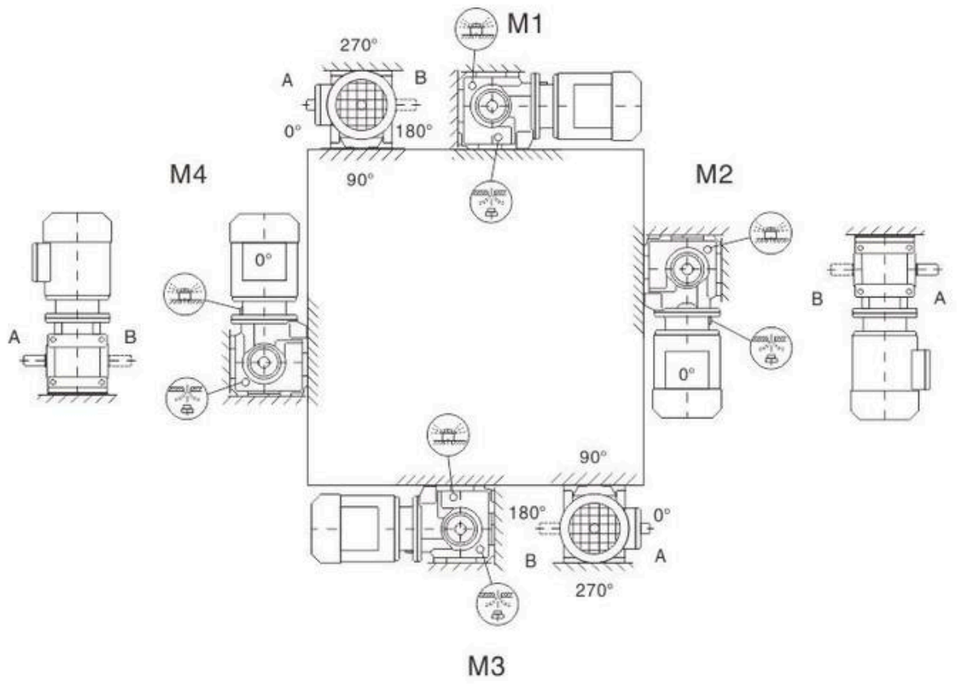
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified
3. The mounting position of M1 as shown in the mounting position example(page 83–88)is the default way when supplying unless otherwise specified.
4. 0° as shown in the mounting position example(page 83–88) is the default connection box angle when supplying unless otherwise specified.
5. The mounting position of A as shown in the mounting position example(Page 83–88)is the default way When supplying reductors such as S、SF、SAF、SAZ model unless otherwise specified.
6. When selecting SA, SAF, and SAZ models, the output axis aperture size must be indicated.
7. Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.

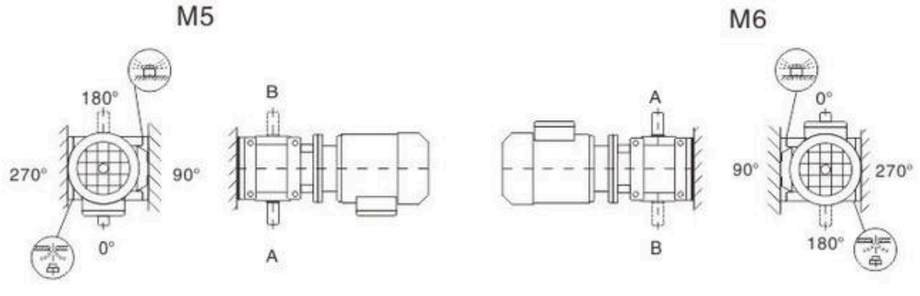
Explanation of mounting position example



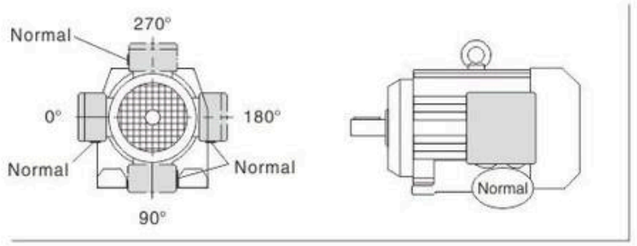
YQS37 Mounting position example

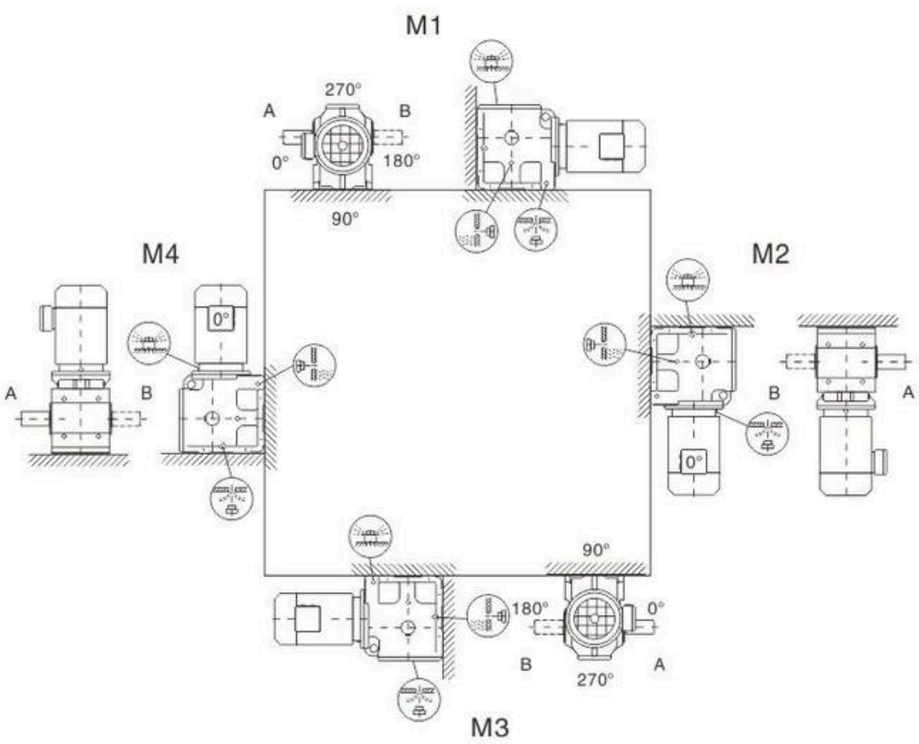


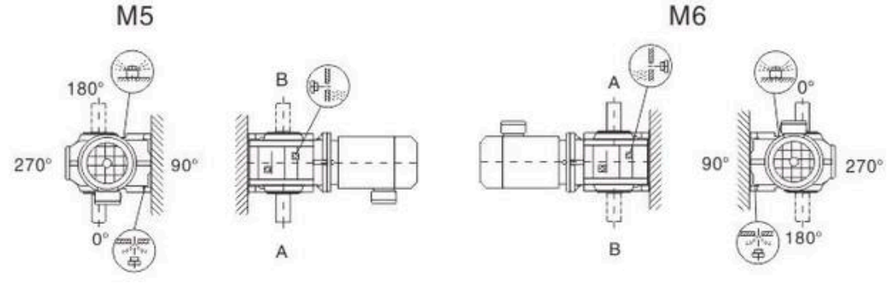




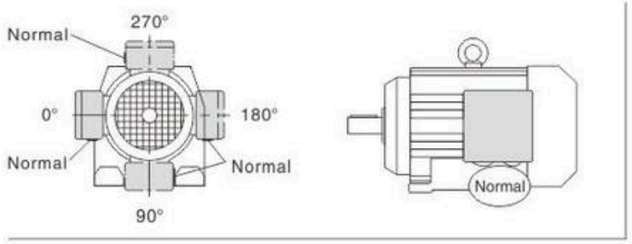
YQS47–97 Mounting position example

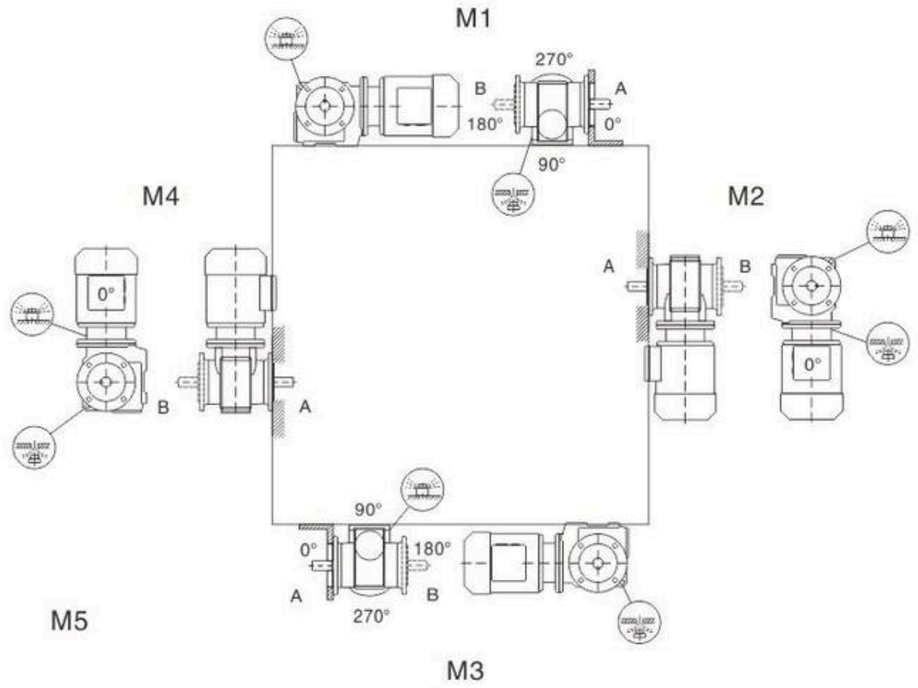


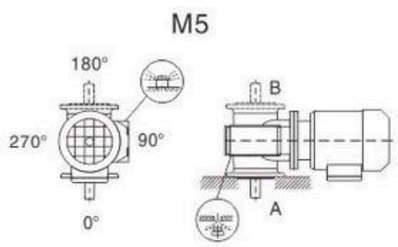


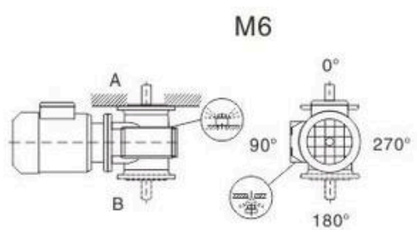


YQSF/YQSAF37 Mounting position example

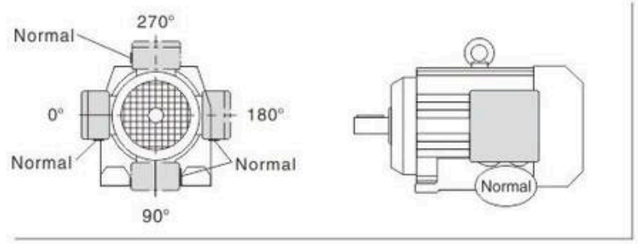


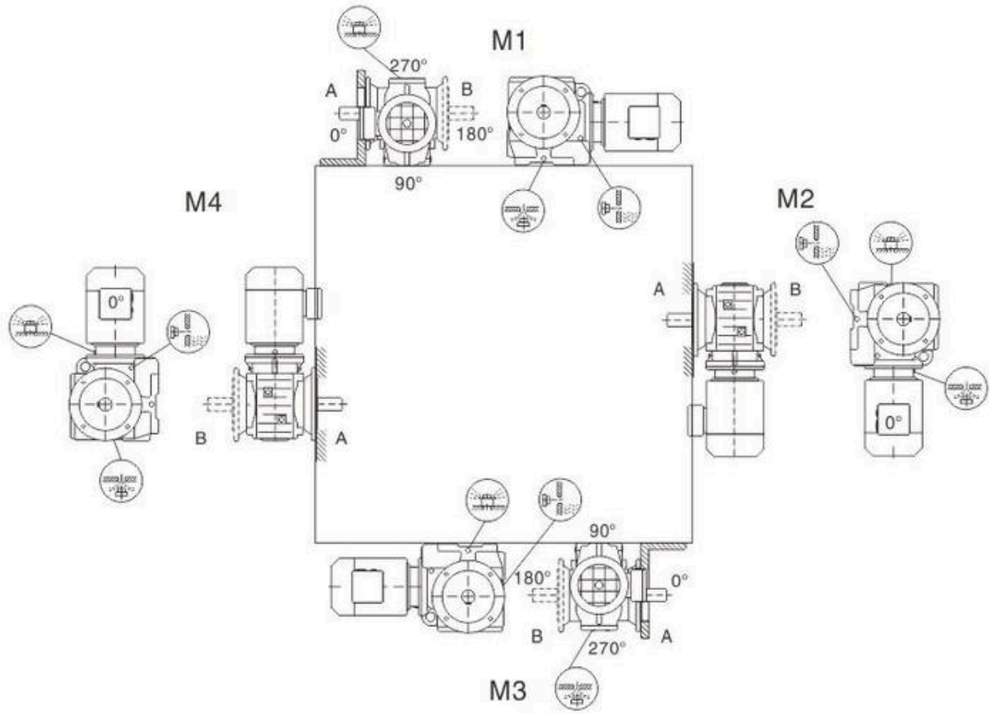


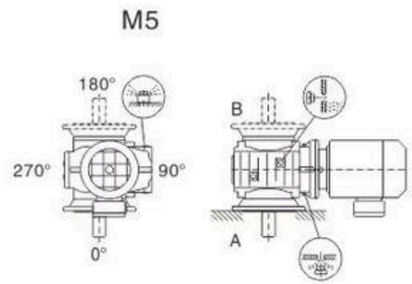


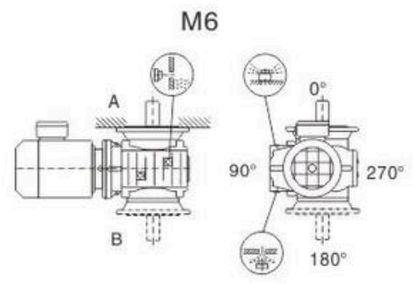


YQSF/YQSAF/YQSAZ47–97 Mounting position example

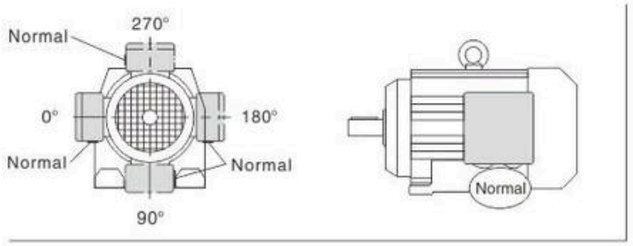


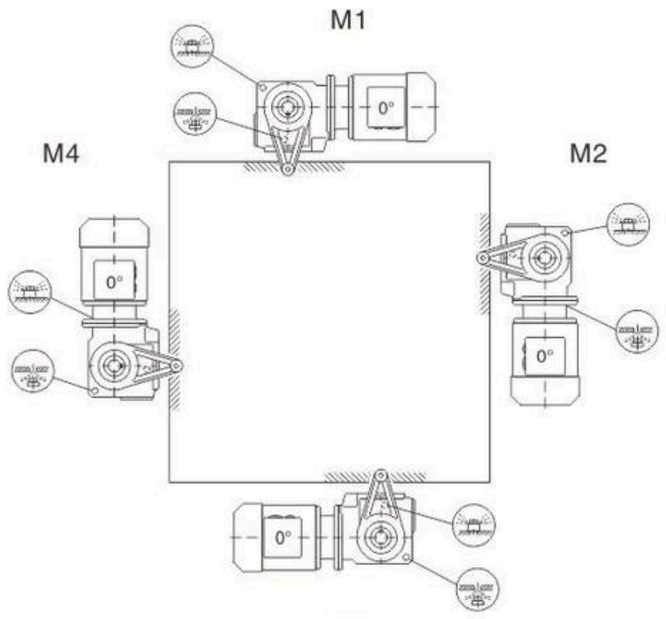


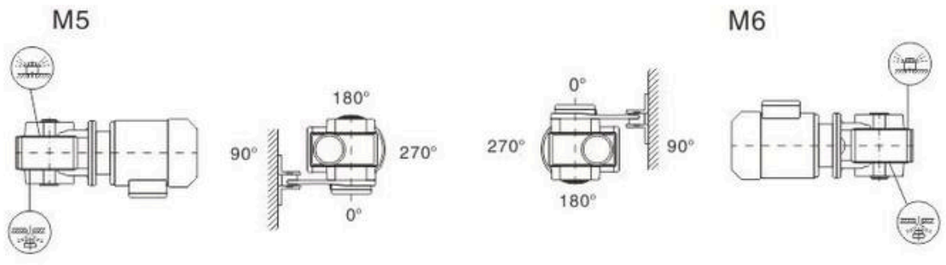




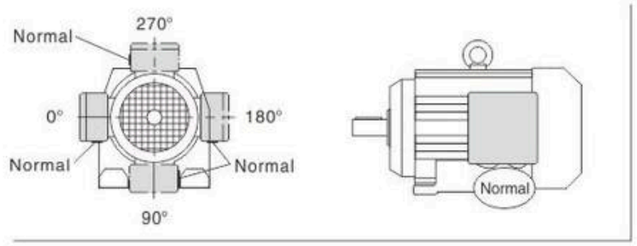
YQSAT37 Mounting position example

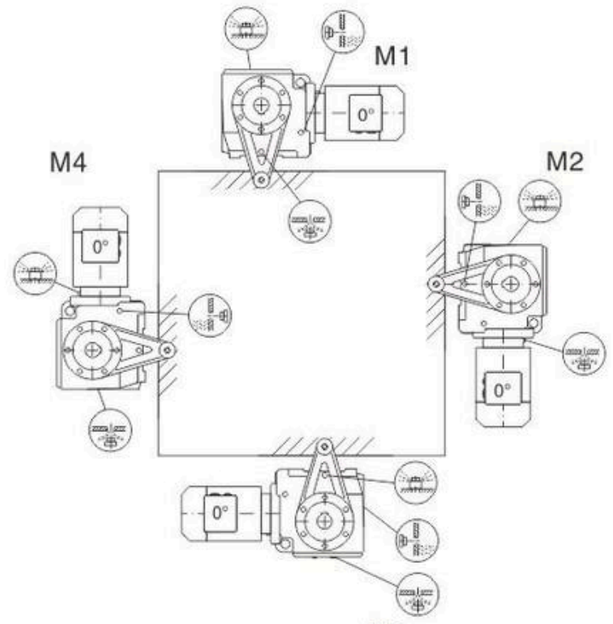


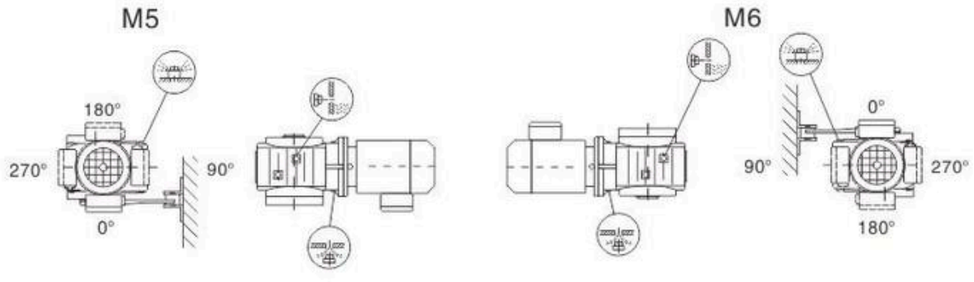




YQSAT47–97 Mounting position example







Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
0.12kW						
0.12	4610	11267	28700	0.90	YQS 97 R57	4
0.14	4210	10078	32800	1.00	YQSF 97 R57	4
0.16	3500	8608	34200	1.20	YQSA 97 R57	4
0.18	3090	7554	34800	1.35	YQSAF 97 R57	4
0.21	2630	6706	27200	0.95	YQS 87 R57	4
0.23	2330	5875	27800	1.05	YQSF 87 R57	4
0.27	1960	5187	28500	1.25	YQSA 87 R57	4
0.30	1740	4606	28800	1.45	YQSAF 87 R57	4
0.36	1450	3872	29200	1.70		
0.39	1340	3540	9700	0.95		
0.45	1170	3098	12500	1.10		
0.58	1280	2374	11600	0.95	YQS 77 R37	4
0.66	1130	2083	12900	1.10	YQSF 77 R37	4
0.76	960	1813	14100	1.30	YQSA 77 R37	4
0.79	910	1745	14300	1.35	YQSAF 77 R37	4
0.86	840	1600	14700	1.50		
0.98	735	1404	15200	1.70		
1.1	645	1245	15600	1.90		
					YQS 67 R37	4
1.2	575	1194	8160	1.00	YQSF 67 R37	4
1.3	515	1045	8720	1.10	YQSA 67 R37	4
1.5	445	914	9280	1.30	YQSAF 67 R37	4
1.7	400	809	9580	1.40		
1.9	355	712	9860	1.60	YQS 67 R37	4
2.2	295	615	10100	1.95	YQSF 67 R37	4
2.5	265	543	10300	2.2	YQSA 67 R37	4
2.9	220	469	10400	2.6	YQSAF 67 R37	4
3.3	197	424	10500	2.9		
3.8	180	365	10500	3.2		
2.1	315	655	6930	0.95		
2.4	275	574	7290	1.10		
2.7	240	506	7540	1.25	YQS 57 R17	4
3.2	210	438	7750	1.45	YQSF 57 R17	4
3.6	183	388	7880	1.65	YQSA 57 R17	4
4.1	163	336	7980	1.85	YQSAF 57 R17	4
4.7	140	294	8070	2.1		
5.1	134	269	8090	2.2		
3.2	210	438	5060	0.90		
3.6	183	388	5210	1.00		
4.1	162	336	5320	1.15	YQS 47 R17	4
4.7	139	294	5450	1.35	YQSF 47 R17	4
5.4	95	257	5680	1.95	YQSA 47 R17	4
6.0	113	229	5570	1.65	YQSAF 47 R17	4
6.9	99	200	5630	1.90		
7.4	92	187	5660	2.0		
6.8	99	202	3000	0.95		
7.7	88	179	3000	1.05	YQS 37 R17	4
8.7	78	158	3000	1.15	YQSF 37 R17	4
9.6	72	144	3000	1.25	YQSA 37 R17	4
12	59	118	3000	1.55	YQSAF 37 R17	4
13	55	110	3000	1.65		
4.5	143	201.00	8050	2.1	YQS 57	6
4.9	133	184.80	8090	2.2	YQSF 57	6
5.7	116	158.12	8150	2.5	YQSA 57	6
6.6	103	137.05	8180	2.9	YQSAF 57	6
4.5	138	201.00	5490	1.30		
4.9	129	184.80	5540	1.40	YQS 47	6
5.7	112	158.12	5610	1.55	YQSF 47	6
6.6	99	137.05	5660	1.75	YQSA 47	6
7.0	93	128.10	5680	1.85	YQSAF 47	6

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
0.12kW						
6.9	95	201.00	5680	1.80		
7.5	89	184.80	5700	1.90	YQS 47	4
8.7	77	158.12	5740	2.2	YQSF 47	4
10	68	137.05	5780	2.5	YQSA 47	4
11	64	128.10	5790	2.6	YQSAF 47	4
12	57	110.73	5810	3.0		
5.7	107	157.43	3000	0.85		
6.2	99	144.40	3000	0.95	YQS 37	6
7.3	86	122.94	3000	1.05	YQSF 37	6
8.5	76	106.00	3000	1.20	YQSA 37	6
9.1	71	98.80	3000	1.30	YQSAF 37	6
10	64	86.36	3000	1.45		
8.8	74	157.43	3000	1.25		
9.6	68	144.40	3000	1.35	YQS 37	4
11	60	122.94	3000	1.55	YQSF 37	4
13	52	106.00	3000	1.70	YQSA 37	4
14	49	98.80	3000	1.75	YQSAF 37	4
16	44	86.36	3000	1.95		
17	41	80.96	3000	2.1		
19	37	71.44	3000	2.3		
22	33	63.33	3000	2.5		
25	35	55.93	3000	2.3		
27	33	51.30	3000	2.5		
32	28	43.68	3000	2.9		
37	25	37.66	3000	3.2	YQS 37	4
39	23	35.10	3000	3.4	YQSF 37	4
45	20	30.68	3000	3.7	YQSA 37	4
48	19	28.76	3000	3.9	YQSAF 37	4
54	17	25.38	3000	4.3		
61	15	22.50	3000	4.8		
69	14	19.89	3000	3.6		
76	13	18.24	3000	3.9		
89	11	15.53	2870	4.4		
0.18kW						
					YQS 87 R57	4
0.29	2970	4606	20900	0.85	YQSF 87 R57	4
0.34	2480	3872	27500	1.00	YQSA 87 R57	4
					YQSAF 87 R57	4
0.38	2350	3475	27800	1.05		
0.45	1970	2905	28500	1.25	YQS 87 R57	4
0.51	1710	2586	28900	1.45	YQSF 87 R57	4
0.57	1520	2335	29100	1.65	YQSA 87 R57	4
0.64	1320	2054	29400	1.90	YQSAF 87 R57	4
0.72	1170	1824	29500	2.1		
0.81	1050	1631	29600	2.4		
					YQS 77 R37	4
0.94	1220	1404	12200	1.00	YQSF 77 R37	4
1.1	1070	1245	13000	1.15	YQSA 77 R37	4
					YQSAF 77 R37	4
1.2	990	1100	13900	1.25		
1.4	850	954	14700	1.45	YQS 77 R37	4
1.6	745	837	15200	1.65	YQSF 77 R37	4
1.9	625	714	15600	2.0	YQSA 77 R37	4
2.1	555	637	15900	2.2	YQSAF 77 R37	4
2.3	500	574	16000	2.5		
1.9	580	712	8060	1.00		
2.2	490	615	8920	1.15	YQS 67 R37	4
2.4	440	543	9330	1.30	YQSF 67 R37	4
2.8	370	469	9780	1.55	YQSA 67 R37	4
3.1	335	424	9970	1.70	YQSAF 67 R37	4
3.6	295	365	10100	1.90		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
0.18kW						
3.0	345	438	6630	0.85		
3.4	305	388	7040	1.00		
3.9	270	336	7350	1.10	YQS 57R17	4
4.5	235	294	7600	1.30	YQSF 57R17	4
4.9	220	269	7690	1.35	YQSA 57R17	4
5.8	188	229	7860	1.60	YQSAF 57R17	4
6.5	169	204	7950	1.80		
7.1	154	187	8010	1.95		
4.5	230	294	4910	0.80		
5.1	158	257	5400	1.15		
5.8	185	229	5200	1.00	YQS 47R17	4
6.6	162	200	5330	1.15	YQSF 47R17	4
7.1	152	187	5380	1.20	YQSA 47R17	4
8.0	134	165	5470	1.40	YQSAF 47R17	4
8.9	121	148	5530	1.55		
10	108	131	5590	1.70		
4.0	255	217.41	10300	2.2	YQS 67	6
4.6	225	190.11	10400	2.5	YQSF 67	6
4.8	215	180.60	10400	2.6	YQSA 67	6
					YQSAF 67	6
4.3	220	201.00	7670	1.35	YQS 57	6
4.7	205	184.80	7760	1.45	YQSF 57	6
5.5	180	158.12	7900	1.65	YQSA 57	6
6.3	159	137.05	7990	1.85	YQSAF 57	6
6.6	154	201.00	8010	1.90	YQS 57	4
7.1	143	184.80	8050	2.1	YQSF 57	4
8.4	125	158.12	8120	2.4	YQSA 57	4
9.6	110	137.05	8160	2.7	YQSAF 57	4
4.3	215	201.00	5090	0.85		
4.7	199	184.80	5180	0.95	YQS 47	6
5.5	173	158.12	5320	1.00	YQSF 47	6
6.3	153	137.05	5420	1.10	YQSA 47	6
6.8	144	128.10	5470	1.20	YQSAF 47	6
6.6	149	201.00	5440	1.15		
7.1	138	184.80	5490	1.25		
8.4	121	158.12	5570	1.40		
9.6	107	137.05	5630	1.60	YQS 47	4
10	100	128.10	5660	1.65	YQSF 47	4
12	88	110.73	5700	1.90	YQSA 47	4
14	77	94.08	5750	2.2	YQSAF 47	4
16	69	84.00	5770	2.4		
18	60	71.75	5800	2.8		
19	69	69.39	5750	2.2		
8.4	115	157.43	3000	0.80		
9.1	107	144.40	3000	0.85		
11	93	122.94	3000	1.00	YQS 37	4
12	82	106.00	3000	1.10	YQSF 37	4
13	77	98.80	3000	1.15	YQSA 37	4
15	68	86.36	3000	1.25	YQSAF 37	4
16	64	80.96	3000	1.30		
18	58	71.44	3000	1.45		
21	52	63.33	3000	1.60		
24	55	55.93	3000	1.45		
26	51	51.30	3000	1.60		
30	44	43.68	3000	1.85		
35	38	37.66	3000	2.1		
38	36	35.10	3000	2.2		
43	32	30.68	3000	2.4	YQS 37	4
46	30	28.76	3000	2.5	YQSF 37	4
52	27	25.38	3000	2.8	YQSA 37	4
59	24	22.50	3000	3.1	YQSAF 37	4
66	22	19.89	3000	2.3		
72	21	18.24	2940	2.5		
85	18	15.53	2810	2.8		
99	15	13.39	2700	3.2		
106	14	12.48	2650	3.4		
121	13	10.91	2550	3.8		
129	12	10.23	2500	4.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_B	Model	Pole P
0.25kW						
0.45	2860	2905	24300	0.85		
0.50	2500	2586	27500	1.00		
0.56	2240	2335	28000	1.10	YQS 87 R57	4
0.63	1950	2054	28500	1.30	YQSF 87 R57	4
0.71	1730	1824	28900	1.45	YQSA 87 R57	4
0.80	1550	1631	29100	1.60	YQSAF 87 R57	4
1.4	910	930	29800	2.8		
1.4	1230	954	12100	1.00		
1.5	1080	837	13300	1.15	YQS 77 R37	4
1.8	910	714	14400	1.35	YQSF 77 R37	4
2.0	810	637	14900	1.55	YQSA 77 R37	4
2.3	730	574	15200	1.70	YQSAF 77 R37	4
2.6	625	499	15600	2.0		
2.4	635	543	7420	0.90		
2.8	540	469	8500	1.05	YQS 67 R37	4
3.1	485	424	8970	1.15	YQSF 67 R37	4
3.6	430	365	9390	1.30	YQSA 67 R37	4
4.1	375	319	9750	1.50	YQSAF 67 R37	4
4.6	330	281	9990	1.75		
4.4	340	294	6720	0.90		
4.8	315	269	6950	0.95		
5.7	270	229	7330	1.10	YQS 57 R17	4
6.4	245	204	7530	1.25	YQSF 57 R17	4
6.9	225	187	7660	1.35	YQSA 57 R17	4
7.9	198	165	7810	1.50	YQSAF 57 R17	4
9.9	159	131	7990	1.90		
3.1	435	217.41	9350	1.30	YQS 67	8
3.6	390	190.11	9670	1.45	YQSF 67	8
3.8	370	180.60	9770	1.50	YQSA 67	8
4.3	330	158.45	9980	1.70	YQSAF 67	8
4.1	350	217.41	9890	1.60	YQS 67	6
4.6	310	190.11	10100	1.80	YQSF 67	6
4.9	295	180.60	10100	1.90	YQSA 67	6
5.6	265	158.45	10300	2.1	YQSAF 67	6
6.0	245	217.41	10300	2.1		
6.8	220	190.11	10400	2.4		
7.2	210	180.60	10500	2.5	YQS 67	4
8.2	187	158.45	10500	2.8	YQSF 67	4
9.7	161	134.40	10600	3.2	YQSA 67	4
11	147	121.33	10600	3.5	YQSAF 67	4
12	131	106.75	10700	4.0		
4.4	305	201.00	7050	1.00		
4.8	285	184.80	7230	1.05	YQS 57	6
5.6	245	158.12	7510	1.20	YQSF 57	6
6.4	220	137.05	7690	1.35	YQSA 57	6
6.9	205	128.10	7760	1.45	YQSAF 57	6
6.5	215	201.00	7700	1.35		
7.0	200	184.80	7790	1.45		
8.2	176	158.12	7920	1.70	YQS 57	4
9.5	155	137.05	8010	1.90	YQSF 57	4
10	146	128.10	8040	2.0	YQSA 57	4
12	129	110.73	8110	2.3	YQSAF 57	4
14	111	94.08	8160	2.7		
15	101	84.00	8190	2.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kW						
6.5	210	201.00	5120	0.80		
7.0	195	184.80	5210	0.85		
8.2	170	158.12	5340	1.00		
9.5	150	137.05	5440	1.10		
10	141	128.10	5480	1.20		
12	124	110.73	5560	1.35	YQS 47	4
14	108	94.08	5630	1.55	YQSF 47	4
15	98	84.00	5670	1.70	YQSA 47	4
18	85	71.75	5720	1.95	YQSAF 47	4
19	97	69.39	5640	1.60		
19	80	67.20	5740	2.1		
20	90	63.80	5670	1.70		
24	78	54.59	5720	2.0		
27	68	47.32	5760	2.3		
13	108	98.80	3000	0.80		
15	96	86.36	3000	0.90		
16	91	80.96	3000	0.95		
18	81	71.44	3000	1.05		
21	73	63.33	3000	1.10		
23	78	55.93	3000	1.05		
25	72	51.30	3000	1.15		
30	62	43.68	3000	1.30		
35	54	37.66	3000	1.45		
37	51	35.10	3000	1.55		
42	45	30.68	3000	1.70	YQS 37	4
45	42	28.76	3000	1.80	YQSF 37	4
51	37	25.38	3000	2.0	YQSA 37	4
58	33	22.50	3000	2.2	YQSAF 37	4
65	32	19.89	2870	1.65		
71	29	18.24	2820	1.80		
84	25	15.53	2710	2.0		
97	22	13.39	2620	2.3		
104	20	12.48	2570	2.4		
119	18	10.91	2480	2.7		
127	17	10.23	2440	2.8		
144	15	9.02	2360	3.1		
163	13	8.00	2290	3.4		
191	11	6.80	2180	3.8		
92	21	28.76	2740	3.0		
105	19	25.38	2650	3.3		
118	17	22.50	2560	3.4	YQS 37	2
134	16	19.89	2410	2.8	YQSF 37	2
146	15	18.24	2350	3.0	YQSA 37	2
171	13	15.53	2250	3.4	YQSAF 37	2
199	11	13.39	2160	3.8		
213	10	12.48	2120	4.0		
0.37kW						
0.67	2810	2054	25400	0.90	YQS 87 R57	4
0.76	2490	1824	27500	1.00	YQSF 87 R57	4
0.85	2230	1631	28000	1.10	YQSA 87 R57	4
1.5	1320	930	29400	1.90	YQSAF 87 R57	4
1.7	1190	831	29500	2.1		
1.9	1290	714	11500	0.95		
2.2	1150	637	12700	1.10	YQS 77 R37	4
2.4	1040	574	13600	1.20	YQSF 77 R37	4
2.8	900	499	14400	1.40	YQSA 77 R37	4
3.2	785	438	15000	1.60	YQSAF 77 R37	4
3.5	700	389	15400	1.80		
3.8	615	365	7700	0.95	YQS 67 R37	4
4.3	535	319	8540	1.05	YQSF 67 R37	4
4.9	470	281	9080	1.20	YQSA 67 R37	4
5.6	425	246	9430	1.35	YQSAF 67 R37	4
2.4	980	288.00	29700	2.5	YQS 87	8
2.6	890	258.18	29800	2.8	YQSF 87	8
3.1	775	222.40	29900	3.2	YQSA 87	8
					YQSAF 87	8

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
3.0	735	225.26	15200	1.75	YQS 77	8
3.2	700	214.00	15300	1.80	YQSF 77	8
3.6	630	189.09	15600	2.0	YQSA 77	8
4.2	545	161.60	15900	2.3	YQSAF 77	8
3.5	645	256.47	15600	2.0	YQS 77	6
4.0	575	225.26	15800	2.2	YQSF 77	6
4.2	545	214.00	15900	2.3	YQSA 77	6
					YQSAF 77	6
4.1	505	217.41	8810	1.10	YQS 67	6
4.7	450	190.11	9260	1.25	YQSF 67	6
5.0	430	180.60	9400	1.30	YQSA 67	6
5.7	380	158.45	9700	1.45	YQSAF 67	6
6.3	345	217.41	9900	1.50		
7.3	310	190.11	10100	1.70	YQS 67	4
7.6	295	180.60	10200	1.75	YQSF 67	4
8.7	260	158.45	10300	2.0	YQSA 67	4
10	225	134.40	10400	2.3	YQSAF 67	4
11	205	121.33	10500	2.5		
5.7	360	158.12	6490	0.80		
6.6	315	137.05	6930	0.95	YQS 57	6
7.0	300	128.10	7100	1.00	YQSF 57	6
8.1	265	110.73	7390	1.10	YQSA 57	6
9.6	230	94.08	7630	1.30	YQSAF 57	6
11	205	84.00	7760	1.45		
6.9	305	201.00	7050	0.95		
7.5	285	184.80	7230	1.05		
8.7	245	158.12	7510	1.20		
10	220	137.05	7690	1.35		
11	205	128.10	7770	1.45	YQS 57	4
12	180	110.73	7900	1.65	YQSF 57	4
15	156	94.08	8000	1.90	YQSA 57	4
16	141	84.00	8060	2.1	YQSAF 57	4
19	122	71.75	8130	2.4		
20	139	69.39	8070	1.75		
21	115	67.20	8150	2.5		
22	128	63.80	8110	1.90		
10	210	137.05	5110	0.80		
11	199	128.10	5190	0.85		
12	175	110.73	5320	0.95		
15	151	94.08	5430	1.10		
16	137	84.00	5500	1.20		
19	119	71.75	5580	1.40		
20	136	69.39	5460	1.15		
21	112	67.20	5610	1.50		
22	126	63.80	5510	1.25	YQS 47	4
25	109	54.59	5590	1.40	YQSF 47	4
29	96	47.32	5410	1.60	YQSA 47	4
31	90	44.22	5330	1.75	YQSAF 47	4
36	78	38.23	5140	2.0		
42	67	32.48	4930	2.3		
48	60	29.00	4790	2.6		
56	52	24.77	4590	3.0		
59	49	23.20	4510	3.1		
68	46	20.33	4180	2.4		
78	40	17.62	4030	2.8		
84	37	16.47	3960	3.0		

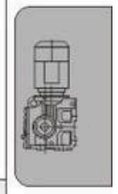
Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
22	103	63.33	3000	0.80		
27	101	51.30	3000	0.80		
32	87	43.68	3000	0.95		
37	76	37.66	3000	1.05		
39	71	35.10	3000	1.10		
45	63	30.68	3000	1.20		
48	59	28.76	3000	1.30		
54	52	25.38	2940	1.40	YQS 37	4
61	47	22.50	2870	1.55	YQSF 37	4
69	44	19.89	2610	1.20	YQSA 37	4
76	41	18.24	2570	1.30	YQSAF 37	4
89	35	15.53	2500	1.45		
103	30	13.39	2420	1.60		
111	28	12.48	2390	1.70		
127	25	10.91	2320	1.95		
135	23	10.23	2280	2.0		
153	21	9.02	2220	2.2		
173	18	8.00	2150	2.5		
203	16	6.80	2070	2.7		
104	28	25.38	2540	2.2		
118	25	22.50	2460	2.3		
133	24	19.89	2290	1.85		
145	22	18.24	2250	2.0	YQS 37	2
171	19	15.53	2160	2.3	YQSF 37	2
198	16	13.39	2080	2.5	YQSA 37	2
212	15	12.48	2040	2.7	YQSAF 37	2
243	13	10.91	1970	3.0		
259	12	10.23	1940	3.1		
294	11	9.02	1870	3.3		
0.55kW						
1.0	2810	1332	25400	0.90		
1.1	2540	1191	27400	1.00		
1.3	2210	1032	28100	1.15	YQS 87 R57	4
1.5	2040	930	28400	1.25	YQSF 87 R57	4
1.6	1840	831	28700	1.35	YQSA 87 R57	4
1.9	1600	719	29000	1.55	YQSAF 87 R57	4
2.2	1400	624	29300	1.80		
2.4	1270	558	29400	1.95		
3.1	1010	435	29700	2.4		
3.1	1210	438	12300	1.05	YQS 77 R37	4
3.5	1070	389	13300	1.15	YQSF 77 R37	4
4.2	910	327	14300	1.35	YQSA 77 R37	4
4.7	820	289	14800	1.50	YQSAF 77 R37	4
5.4	710	250	15300	1.75		
5.5	650	246	6600	0.90	YQS 67 R37	4
6.2	580	221	8080	1.00	YQSF 67 R37	4
6.9	530	198	8590	1.10	YQSA 67 R37	4
8.1	455	168	9230	1.25	YQSAF 67 R37	4
2.4	1450	288.00	29200	1.70	YQS 87	8
2.6	1320	258.18	29400	1.85	YQSF 87	8
3.1	1150	222.40	29600	2.1	YQSA 87	8
					YQSAF 87	8
3.1	1130	288.00	29600	2.2	YQS 87	6
3.5	1020	258.18	29700	2.4	YQSF 87	6
4.1	900	222.40	29800	2.7	YQSA 87	6
4.4	820	202.96	29800	2.9	YQSAF 87	6
3.0	1090	225.26	13200	1.15	YQS 77	8
3.2	1040	214.00	13500	1.20	YQSF 77	8
3.6	930	189.09	14200	1.35	YQSA 77	8
4.2	810	161.60	14900	1.55	YQSAF 77	8
3.5	960	256.47	14100	1.35	YQS 77	6
4.0	850	225.26	14700	1.50	YQSF 77	6
4.2	810	214.00	14800	1.55	YQSA 77	6
4.8	730	189.09	15200	1.75	YQSAF 77	6
5.6	635	161.60	15600	2.0		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.55kW						
5.3	660	256.47	15500	1.90	YQS 77	4
6.0	590	225.26	15800	2.2	YQSF 77	4
6.4	560	214.00	15800	2.3	YQSA 77	4
7.2	505	189.09	16000	2.5	YQSAF 77	4
6.3	520	217.41	8660	1.00		
7.2	465	190.11	9150	1.10		
7.5	445	180.60	9300	1.15		
8.6	395	158.45	9620	1.30	YQS 67	4
10	340	134.40	9930	1.55	YQSF 67	4
11	310	121.33	10100	1.65	YQSA 67	4
13	275	106.75	10200	1.85	YQSAF 67	4
13	265	100.80	10300	1.95		
16	230	85.83	10400	2.3		
18	230	75.06	10400	2.1		
21	205	65.63	10500	2.3		
9.6	340	94.08	6710	0.85		
11	305	84.00	7030	0.95		
13	265	71.75	7360	1.10	YQS 57	6
13	250	67.20	7470	1.15	YQSF 57	6
16	245	54.59	7520	1.10	YQSA 57	6
19	215	47.32	7710	1.25	YQSAF 57	6
20	200	44.22	7790	1.35		
24	176	38.23	7920	1.55		
8.6	370	158.12	6330	0.80		
9.9	330	137.05	6820	0.90		
11	310	128.10	7010	0.95		
12	270	110.73	7320	1.10		
14	235	94.08	7590	1.25		
16	210	84.00	7730	1.40		
19	184	71.75	7880	1.55	YQS 57	4
20	174	67.20	7930	1.65	YQSF 57	4
25	167	54.59	7960	1.45	YQSA 57	4
29	146	47.32	8040	1.70	YQSAF 57	4
31	137	44.22	8080	1.80		
36	120	38.23	8130	2.0		
42	103	32.48	7970	2.4		
47	92	29.00	7730	2.7		
55	79	24.77	7390	3.1		
59	75	23.20	7250	3.3		
67	69	20.33	6760	2.4		
16	205	84.00	5140	0.80		
19	179	71.75	5290	0.95		
20	169	67.20	5350	1.00		
25	165	54.59	5130	0.95		
29	144	47.32	5010	1.10		
31	135	44.22	4950	1.15		
36	118	38.23	4810	1.30		
42	101	32.48	4650	1.55	YQS 47	4
47	91	29.00	4540	1.70	YQSF 47	4
55	78	24.77	4380	2.0	YQSA 47	4
59	74	23.20	4310	2.1	YQSAF 47	4
67	69	20.33	3920	1.60		
77	60	17.62	3810	1.85		
83	56	16.47	3750	1.95		
96	49	14.24	3630	2.2		
112	42	12.10	3500	2.6		
126	37	10.80	3400	2.9		
147	32	9.23	3270	3.4		



Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.55kW						
44	94	30.68	2680	0.80		
47	89	28.76	2670	0.85		
54	79	25.38	2630	0.95		
60	70	22.50	2600	1.05		
71	60	19.13	2540	1.20	YQS 37	4
88	53	15.53	2230	0.95	YQSF 37	4
102	46	13.39	2200	1.10	YQSA 37	4
109	43	12.48	2180	1.15	YQSAF 37	4
125	37	10.91	2130	1.30		
133	35	10.23	2110	1.35		
151	31	9.02	2070	1.50		
170	28	8.00	2020	1.60		
200	24	6.80	1950	1.80		
94	46	28.76	2420	1.40		
106	41	25.38	2360	1.50		
120	37	22.50	2310	1.55		
136	34	19.89	2100	1.30		
148	32	18.24	2070	1.40		
174	27	15.53	2010	1.55	YQS 37	2
202	24	13.39	1950	1.75	YQSF 37	2
216	22	12.48	1920	1.85	YQSA 37	2
248	19	10.91	1870	2.0	YQSAF 37	2
264	18	10.23	1840	2.1		
299	16	9.02	1780	2.2		
338	14	8.00	1730	2.5		
397	12	6.80	1660	2.4		
0.75kW						
1.1	4840	1223	21300	0.85		
1.3	4240	1070	30700	1.00		
1.5	3650	928	33900	1.15	YQS 97R57	4
1.7	3230	824	34600	1.30	YQSF 97R57	4
1.9	2300	714	35900	1.85	YQSA 97R57	4
2.2	2450	626	35700	1.70	YQSAF 97R57	4
2.6	2110	538	36100	2.0		
2.8	1900	484	36300	2.2		
1.3	3030	1032	18700	0.85		
1.5	2780	930	25900	0.90		
1.7	2510	831	2750	1.00	YQS 87R57	4
1.9	2190	719	28100	1.15	YQSF 87R57	4
2.2	1920	624	28600	1.30	YQSA 87R57	4
2.5	1730	558	28900	1.45	YQSAF 87R57	4
3.2	1390	435	29300	1.75		
4.3	1060	323	29600	2.3		
4.2	1240	327	12000	1.00	YQS 77R37	4
4.8	1110	289	13100	1.10	YQSF 77R37	4
5.5	960	250	14000	1.30	YQSA 77R37	4
6.3	850	219	14700	1.45	YQSAF 77R37	4
2.4	2040	286.40	36100	2.1	YQS 97	8
2.6	1890	262.22	36300	2.2	YQSF 97	8
3.0	1690	231.67	36400	2.5	YQSA 97	8
					YQSAF 97	8
3.1	1540	288.00	29100	1.60	YQS 87	6
3.5	1400	258.18	29300	1.75	YQSF 87	6
4.1	1220	222.40	29500	1.95	YQSA 87	6
4.4	1120	202.96	29600	2.1	YQSAF 87	6
4.8	1050	288.00	29600	2.2	YQS 87	4
5.3	950	258.18	29700	2.4	YQSF 87	4
6.2	830	222.40	29800	2.8	YQSA 87	4
6.8	765	202.96	29900	3.0	YQSAF 87	4
4.0	1160	225.26	12700	1.10	YQS 77	6
4.2	1110	214.00	13100	1.15	YQSF 77	6
4.8	990	189.09	13900	1.30	YQSA 77	6
5.6	860	161.60	14600	1.45	YQSAF 77	6

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.75kW						
5.4	890	256.47	14500	1.45		
6.1	790	225.26	14900	1.60		
6.4	755	214.00	15100	1.70	YQS 77	4
7.3	675	189.09	15400	1.90	YQSF 77	4
8.5	585	161.60	15800	2.2	YQSA 77	4
9.3	545	148.15	15900	2.3	YQSAF 77	4
11	480	130.00	16000	2.5		
11	460	123.20	16000	2.6		
13	405	107.83	16000	2.9		
7.3	625	190.11	7570	0.85		
7.6	595	180.60	7900	0.85		
8.7	530	158.45	8570	1.00		
10	460	134.40	9480	1.15		
11	420	121.33	9470	1.25	YQS 67	4
13	375	106.75	9750	1.40	YQSF 67	4
14	355	100.80	9860	1.45	YQSA 67	4
16	305	85.83	10100	1.70	YQSAF 67	4
18	310	75.06	10100	1.55		
21	275	65.63	10200	1.75		
22	260	62.35	10300	1.85		
25	230	54.70	10300	2.1		
30	198	46.40	9840	2.4		
13	365	71.75	6430	0.80	YQS 57	6
13	345	67.20	6660	0.85	YQSF 57	6
16	295	56.64	7140	1.00	YQSA 57	6
19	295	47.32	7150	0.90	YQSAF 57	6
20	275	44.22	7300	1.00		
12	365	110.73	6400	0.80		
15	315	94.08	6930	0.95		
16	285	84.00	7210	1.05		
19	250	71.75	7500	1.15		
21	235	67.20	7590	1.20		
25	225	54.59	7650	1.10		
29	197	47.32	7810	1.25	YQS 57	4
31	185	44.22	7870	1.35	YQSF 57	4
36	161	38.23	7980	1.50	YQSA 57	4
42	138	32.48	7670	1.80	YQSAF 57	4
48	124	29.00	7450	2.0		
56	107	24.77	7150	2.3		
59	100	23.20	7030	2.5		
68	93	20.33	6490	1.80		
78	81	17.62	6260	2.1		
84	76	16.47	6160	2.2		
97	66	14.24	5930	2.6		
29	194	47.32	4530	0.80	YQS 47	4
31	182	44.22	4500	0.85	YQSF 47	4
36	159	38.23	4420	1.00	YQSA 47	4
42	136	32.48	4310	1.15	YQSAF 47	4
48	122	29.00	4230	1.25		
56	106	24.77	4110	1.45		
59	99	23.20	4060	1.55		
68	93	20.33	3610	1.20		
78	81	17.62	3530	1.35		
84	76	16.47	3490	1.45	YQS 47	4
97	66	14.24	3410	1.65	YQSF 47	4
114	56	12.10	3300	1.95	YQSA 47	4
128	50	10.80	3230	2.2	YQSAF 47	4
150	43	9.23	3120	2.5		
160	41	8.64	3070	2.7		
190	34	7.28	2950	3.0		
72	81	19.13	2270	0.85		
111	57	12.48	1930	0.85	YQS 37	4
127	50	10.91	1920	0.95	YQSF 37	4
135	47	10.23	1910	1.00	YQSA 37	4
153	42	9.02	1890	1.10	YQSAF 37	4
173	37	8.00	1860	1.20		
203	32	6.80	1820	1.35		



Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.75kW						
141	43	19.13	2090	1.05		
174	37	15.53	1860	1.15		
202	32	13.39	1820	1.30		
216	30	12.48	1800	1.35	YQS 37	2
248	26	10.91	1760	1.50	YQSF 37	2
264	25	10.23	1740	1.55	YQSA 37	2
299	22	9.02	1690	1.65	YQSAF 37	2
338	19	8.00	1650	1.80		
397	17	6.80	1590	1.75		
1.1kW						
1.7	4720	824	23300	0.90		
2.0	3370	714	34400	1.25	YQS 97 R57	4
2.2	3590	626	34000	1.15	YQSF 97 R57	4
2.6	3090	538	34800	1.35	YQSA 97 R57	4
2.9	2790	484	35200	1.50	YQSAF 97 R57	4
3.3	2430	420	35700	1.75		
2.2	2820	624	25400	0.90		
2.5	2550	558	27400	1.00		
2.9	2240	485	28000	1.10		
3.2	2040	435	28400	1.20	YQS 87 R57	4
3.7	1790	378	28800	1.35	YQSF 87 R57	4
4.3	1560	323	29100	1.55	YQSA 87 R57	4
5.0	1370	281	29300	1.75	YQSAF 87 R57	4
5.5	1460	255	29200	1.35		
6.3	1280	222	29400	1.55		
6.8	1200	205	29500	1.65		
6.4	1240	219	12000	1.00	YQS 77 R37	4
					YQSF 77 R37	4
					YQSA 77 R37	4
					YQSAF 77 R37	4
2.4	3030	286.40	34900	1.40	YQS 97	8
2.6	2800	262.22	35200	1.50	YQSF 97	8
2.9	2500	231.67	35600	1.70	YQSA 97	8
3.5	2160	196.52	36000	1.95	YQSAF 97	8
3.2	2310	286.40	35900	1.80	YQS 97	6
3.5	2130	262.22	36000	1.95	YQSF 97	6
4.0	1900	231.67	36300	2.2	YQSA 97	6
					YQSAF 97	6
3.2	2220	288.00	28100	1.10	YQS 87	6
3.6	2010	258.18	28400	1.20	YQSF 87	6
4.1	1760	222.40	28800	1.35	YQSA 87	6
4.5	1620	202.96	29000	1.45	YQSAF 87	6
4.9	1520	288.00	29100	1.50		
5.4	1370	258.18	29300	1.65	YQS 87	4
6.3	1200	222.40	29500	1.90	YQSF 87	4
6.9	1100	202.96	29600	2.0	YQSA 87	4
7.8	990	180.00	29700	2.2	YQSAF 87	4
9.2	840	151.30	29800	2.5		
6.2	1150	225.26	12800	1.10		
6.5	1100	214.00	13200	1.15		
7.4	980	189.09	13900	1.30		
8.7	850	161.60	14700	1.50	YQS 77	4
9.4	785	148.15	15000	1.60	YQSF 77	4
11	695	130.00	15400	1.75	YQSA 77	4
11	665	123.20	15500	1.80	YQSAF 77	4
13	585	107.83	15800	2.0		
14	535	97.14	15900	2.1		
16	470	85.22	16000	2.3		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
1.1kW						
12	605	121.33	7790	0.85		
13	540	106.75	8490	0.95		
14	515	100.80	8740	1.00		
16	445	85.83	9300	1.15		
18	405	78.00	9550	1.30	YQS 67	4
21	400	65.63	9610	1.20	YQSF 67	4
22	380	62.35	9720	1.25	YQSA 67	4
26	335	54.70	9560	1.45	YQSAF 67	4
30	285	46.40	9240	1.65		
33	260	41.89	9040	1.85		
38	230	36.85	8780	2.1		
40	220	34.80	8660	2.2		
47	187	29.63	8330	2.6		
20	360	71.75	6480	0.80	YQS 57	4
21	340	67.20	6710	0.85	YQSF 57	4
25	290	56.61	7180	0.90	YQSA 57	4
30	285	47.32	7220	0.85	YQSAF 57	4
32	265	44.22	7360	0.90		
37	235	38.23	7410	1.05		
43	200	32.48	7170	1.25		
48	179	29.00	7000	1.35		
57	154	24.77	6760	1.60	YQS 57	4
60	145	23.20	6660	1.70	YQSF 57	4
72	123	19.54	6390	1.75	YQSA 57	4
79	117	17.62	5870	1.45	YQSAF 57	4
85	110	16.47	5780	1.55		
98	95	14.24	5610	1.75		
116	82	12.10	5400	2.1		
130	73	10.80	5260	2.3		
152	63	9.23	5050	2.7		
48	177	29.00	3720	0.90		
57	153	24.77	3670	1.00	YQS 47	4
60	143	23.20	3640	1.05	YQSF 47	4
72	122	19.54	3560	1.20	YQSA 47	4
79	117	17.62	3070	0.95	YQSAF 47	4
85	109	16.47	3060	1.00		
98	95	14.24	3030	1.15		
116	81	12.10	2980	1.35	YQS 47	4
130	73	10.80	2940	1.50	YQSF 47	4
152	63	9.23	2870	1.75	YQSA 47	4
162	59	8.64	2840	1.85	YQSAF 47	4
192	50	7.28	2750	2.1		
					YQS 37	4
175	54	8.00	1570	0.85	YQSF 37	4
206	46	6.80	1580	0.95	YQSA 37	4
					YQSAF 37	4
202	47	13.39	1590	0.85		
216	44	12.48	1580	0.90	YQS 37	2
248	39	10.91	1570	1.00	YQSF 37	2
264	36	10.23	1560	1.05	YQSA 37	2
299	32	9.02	1540	1.10	YQSAF 37	2
338	28	8.00	1510	1.25		
397	24	6.80	1470	1.20		
1.5kW						
2.0	4590	714	29100	0.90		
2.2	4890	626	19100	0.85	YQS 97 R57	4
2.6	4220	538	31100	1.00	YQSF 97 R57	4
2.9	3810	484	33600	1.10	YQSA 97 R57	4
3.4	3310	420	34500	1.25	YQSAF 97 R57	4
3.8	2990	376	35000	1.40		
4.3	2630	327	35500	1.60		
2.9	3060	485	17200	0.80		
3.2	2780	435	25900	0.90		
3.7	2450	378	27600	1.00	YQS 87 R57	4
4.4	2130	323	28200	1.15	YQSF 87 R57	4
5.0	1870	281	28600	1.30	YQSA 87 R57	4
5.5	2000	255	28400	1.00	YQSAF 87 R57	4
6.3	1750	222	28800	1.15		
6.9	1630	205	29000	1.20		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
2.4	4030	286.40	33100	1.05	YQS 97	8
2.7	3720	262.22	33700	1.15	YQSF 97	8
3.0	3330	231.67	34400	1.25	YQSA 97	8
3.6	2870	196.52	35200	1.45	YQSAF 97	8
3.2	3150	286.40	34700	1.35	YQS 97	6
3.5	2910	262.22	35100	1.45	YQSF 97	6
4.0	2600	231.67	35500	1.60	YQSA 97	6
4.7	2230	196.52	35900	1.90	YQSAF 97	6
4.9	2130	286.40	36000	1.90	YQS 97	4
5.4	1970	262.22	36200	2.0	YQSF 97	4
6.1	1760	231.67	36400	2.3	YQSA 97	4
7.2	1510	196.52	36600	2.7	YQSAF 97	4
3.6	2740	258.18	26600	0.90	YQS 87	6
4.1	2390	222.40	27700	1.00	YQSF 87	6
4.5	2200	202.96	28100	1.10	YQSA 87	6
5.1	1980	180.00	28500	1.20	YQSAF 87	6
4.9	2060	288.00	28300	1.10		
5.5	1860	258.18	28700	1.20		
6.3	1630	222.40	29000	1.40		
6.9	1500	202.96	29200	1.50	YQS 87	4
7.8	1340	180.00	29400	1.65	YQSF 87	4
9.3	1140	151.30	29600	1.90	YQSA 87	4
10	1060	139.05	29600	2.0	YQSAF 87	4
11	950	123.48	29700	2.2		
13	850	110.40	29800	2.3		
14	770	99.26	29900	2.5		
7.5	1330	189.09	10600	0.95		
8.7	1150	161.60	12700	1.10		
9.5	1060	148.15	13400	1.15		
11	940	130.00	14100	1.30		
11	900	123.20	14400	1.35		
13	795	107.83	14900	1.45		
15	725	97.14	15300	1.60	YQS 77	4
17	640	85.22	15400	1.70	YQSF 77	4
19	650	75.09	14100	1.70	YQSA 77	4
20	620	71.33	14000	1.80	YQSAF 77	4
21	510	66.67	14600	2.0		
22	550	63.03	13700	2.0		
25	440	56.92	14000	2.3		
26	470	53.87	13200	2.3		
29	435	49.38	13000	2.5		
33	385	43.33	12600	2.9		
16	600	85.83	7850	0.85	YQS 67	4
18	550	78.00	8390	0.95	YQSF 67	4
21	540	65.63	8510	0.90	YQSA 67	4
					YQSAF 67	4
23	515	62.35	8740	0.95		
26	455	54.70	8810	1.05		
30	390	46.40	8590	1.25		
34	355	41.89	8450	1.35		
38	310	36.85	8250	1.55		
41	295	34.80	8160	1.60	YQS 67	4
48	255	29.63	7900	1.90	YQSF 67	4
52	230	26.93	7740	2.1	YQSA 67	4
58	220	24.44	7000	1.55	YQSAF 67	4
61	210	23.22	6950	1.60		
69	186	20.37	6790	1.85		
82	159	17.28	6580	2.1		
90	144	15.60	6440	2.4		
103	127	13.73	6260	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.5kW						
43	270	32.48	6630	0.90		
49	245	29.00	6520	1.00		
57	210	24.77	6340	1.15		
61	196	23.20	6270	1.25	YQS 57	4
72	167	19.54	6060	1.30	YQSF 57	4
80	159	17.62	5430	1.05	YQSA 57	4
86	159	16.47	5380	1.15	YQSAF 57	4
99	129	14.24	5250	1.30		
117	110	12.10	5100	1.55		
131	99	10.80	4980	1.70		
153	85	9.23	4820	2.0		
99	129	14.24	2610	0.85	YQS 47	4
117	110	12.10	2620	1.00	YQSF 47	4
131	99	10.80	2620	1.10	YQSA 47	4
					YQSAF 47	4
153	85	9.23	2590	1.30	YQS 47	4
163	79	8.64	2580	1.35	YQSF 47	4
194	67	7.28	2530	1.55	YQSA 47	4
					YQSAF 47	4
299	44	9.02	1330	0.85	YQS 37	4
338	39	8.00	1350	0.90	YQSF 37	4
397	33	6.80	1340	0.90	YQSA 37	4
					YQSAF 37	4
2.2kW						
3.4	4900	420	18800	0.85	YQS 97 R57	4
3.8	4410	376	28300	0.95	YQSF 97 R57	4
4.3	3870	327	33500	1.10	YQSA 97 R57	4
4.9	3420	287	34300	1.25	YQSAF 97 R57	4
5.6	3000	252	35000	1.40		
3.3	4530	286.40	30200	0.95	YQS 97	6
3.6	4180	262.22	32800	1.00	YQSF 97	6
4.1	3730	231.67	33700	1.15	YQSA 97	6
4.8	3210	196.52	34600	1.30	YQSAF 97	6
4.9	3130	286.40	34800	1.30		
5.4	2890	262.22	35100	1.40		
6.1	2570	231.67	35500	1.55		
7.2	2210	196.52	36000	1.80		
7.8	2050	180.95	36100	1.90	YQS 97	4
8.7	1840	161.74	36300	2.1	YQSF 97	4
9.7	1670	145.60	36500	2.2	YQSA 97	4
11	1520	131.85	36600	2.4	YQSAF 97	4
12	1360	116.92	36700	2.6		
13	1240	105.71	36800	2.8		
16	1060	89.60	36900	3.1		
5.5	2730	258.18	26800	0.85		
6.3	2380	222.40	27700	0.95		
6.9	2190	202.96	28100	1.05		
7.8	1970	180.00	28500	1.10		
9.3	1680	151.30	28900	1.30		
10	1550	139.05	29100	1.35	YQS 87	4
11	1390	123.48	29300	1.50	YQSF 87	4
13	1250	110.40	29500	1.60	YQSA 87	4
14	1130	99.26	29600	1.75	YQSAF 87	4
16	990	86.15	29700	1.90		
17	1060	81.76	29600	1.50		
18	890	77.14	29800	2.0		
20	920	70.43	29700	1.75		
22	840	64.27	29800	1.90		
25	750	57.00	29900	2.1		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
2.2kW						
11	1390	130.00	6140	0.85		
11	1320	123.20	11100	0.90		
13	1170	107.83	12600	1.00		
15	1060	97.14	13400	1.10		
17	940	85.22	14100	1.15		
19	840	75.20	13800	1.30		
21	745	66.67	13500	1.40		
22	810	63.03	12400	1.35		
25	645	56.92	13100	1.55	YQS 77	4
26	695	53.87	12100	1.60	YQSF 77	4
29	635	49.38	11900	1.75	YQSA 77	4
33	560	43.33	11700	1.95	YQSAF 77	4
34	535	41.07	11600	2.1		
39	470	35.94	11300	2.3		
44	425	32.38	11000	2.6		
50	375	28.41	10700	2.8		
56	330	25.07	10400	3.1		
62	310	22.89	9490	2.3		
67	285	20.99	9340	2.5		
30	570	46.40	7480	0.85		
34	515	41.89	7440	0.95		
38	460	36.85	7360	1.05		
41	435	34.80	7320	1.10		
48	370	29.63	7180	1.30		
52	340	26.93	7080	1.40	YQS 67	4
60	295	23.33	6920	1.60	YQSF 67	4
69	275	20.37	6060	1.25	YQSA 67	4
82	235	17.28	5960	1.45	YQSAF 67	4
90	210	15.60	5880	1.60		
103	186	13.73	5770	1.85		
109	176	12.96	5710	1.95		
128	151	11.03	5550	2.3		
141	137	10.03	5450	2.5		
162	119	8.69	5300	2.8		
99	190	14.24	4640	0.90		
117	162	12.10	4580	1.05	YQS 57	4
131	145	10.80	4520	1.15	YQSF 57	4
153	124	9.23	4420	1.35	YQSA 57	4
163	117	8.64	4380	1.40	YQSAF 57	4
194	99	7.28	4250	1.50		
3.0kW						
4.9	4710	287	23700	0.90	YQS 97R57	4
5.6	4140	252	32400	1.00	YQSF 97R57	4
6.4	3620	219	33900	1.15	YQSA 97R57	4
6.8	3400	205	34300	1.25	YQSAF 97R57	4
4.9	4290	286.40	32600	0.95		
5.3	3960	262.22	33300	1.00		
6.0	3530	231.67	34100	1.15		
7.1	3040	196.52	34900	1.30		
7.7	2810	180.95	35200	1.40	YQS 97	4
8.7	2530	161.74	35600	1.50	YQSF 97	4
9.6	2300	145.60	35900	1.65	YQSA 97	4
11	2090	131.85	36100	1.75	YQSAF 97	4
12	1870	116.92	36300	1.90		
13	1700	105.71	36400	2.0		
16	1450	89.60	36600	2.2		
17	1470	80.85	36600	2.2		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
3.0kW						
7.8	2700	180.00	27100	0.80		
9.2	2300	151.30	27900	0.95		
10	2130	139.05	28200	1.00		
11	1900	123.48	28600	1.10		
13	1720	110.40	28900	1.15		
14	1550	99.26	29100	1.25		
16	1360	86.15	29300	1.40		
17	1460	81.76	29200	1.10	YQS 87	4
18	1230	77.14	29500	1.50	YQSF 87	4
20	1260	70.43	29400	1.25	YQSA 87	4
22	1160	64.27	29500	1.40	YQSAF 87	4
25	1030	57.00	29700	1.55		
29	870	47.91	29800	1.85		
32	800	44.03	29800	2.0		
36	715	39.10	29900	2.2		
40	640	34.96	29900	2.5		
16	1290	85.22	11500	0.85	YQS 77	4
19	1150	75.20	12500	0.95	YQSF 77	4
21	1020	66.67	12400	1.00	YQSA 77	4
22	1110	63.03	10900	1.00	YQSAF 77	4
25	880	56.92	12100	1.10		
26	950	53.87	10800	1.15		
28	880	49.38	10800	1.25		
32	770	43.33	10700	1.40		
34	735	41.07	10600	1.50		
39	645	35.94	10400	1.70		
43	585	32.38	10300	1.85	YQS 77	4
49	515	28.41	10100	2.0	YQSF 77	4
56	455	25.07	9840	2.2	YQSA 77	4
61	430	22.89	8680	1.65	YQSAF 77	4
67	395	20.99	8590	1.80		
76	345	18.42	8450	2.0		
80	330	17.45	8390	2.2		
92	290	15.28	8210	2.5		
102	260	13.76	8060	2.7		
116	230	12.07	7870	3.1		
131	205	10.65	7670	3.5		
					YQS 67	4
40	595	34.80	6350	0.80	YQSF 67	4
47	510	29.63	6350	0.95	YQSA 67	4
52	465	26.93	6330	1.05	YQSAF 67	4
60	405	23.33	6270	1.20		
69	375	20.37	5230	0.90		
81	320	17.28	5250	1.05	YQS 67	4
90	290	15.60	5240	1.15	YQSF 67	4
102	255	13.73	5210	1.35	YQSA 67	4
108	240	12.96	5190	1.40	YQSAF 67	4
127	205	11.03	5100	1.65		
140	188	10.03	5050	1.80		
161	164	8.69	4940	2.0		
185	143	7.56	4830	2.1		
130	199	10.80	3990	0.85	YQS 57	4
152	171	9.23	3970	1.00	YQSF 57	4
162	160	8.64	3960	1.05	YQSA 57	4
192	136	7.28	3900	1.10	YQSAF 57	4
4.0kW					YQS 97R57	4
6.5	4780	219	22700	0.90	YQSF 97R57	4
6.9	4490	205	27300	0.95	YQSA 97R57	4
					YQSAF 97R57	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model		Pole P
4.0kW							
6.1	4650	231.67	28300	0.85			
7.2	3990	196.52	33200	1.00			
7.8	3700	180.95	33800	1.05			
8.8	3330	161.74	3440	1.15			
9.8	3020	145.60	34900	1.25	YQS	97	4
11	2750	131.85	35300	1.35	YQSF	97	4
12	2460	116.92	35700	1.45	YQSA	97	4
13	2230	105.71	35900	1.55	YQSAF	97	4
16	1910	89.60	36300	1.70			
18	1940	80.85	36200	1.65			
20	1720	71.43	36400	1.90			
23	1470	60.59	36600	2.2			
25	1350	55.79	36700	2.4			
12	2510	123.48	27500	0.80			
13	2260	110.40	28000	0.90			
14	2040	99.26	28400	0.95			
16	1790	86.15	28800	1.05			
18	1610	77.14	29000	1.15			
20	1660	70.43	28900	0.95	YQS	87	4
22	1520	64.27	29100	1.05	YQSF	87	4
25	1350	57.00	29300	1.20	YQSA	87	4
30	1150	47.91	29500	1.40	YQSAF	87	4
32	1060	44.03	29600	1.50			
36	940	39.10	29700	1.70			
41	840	34.96	29800	1.90			
45	760	31.43	29100	2.1			
52	665	27.28	28200	2.4			
56	635	25.50	26600	1.95			
25	1160	56.92	10800	0.85	YQS	77	4
26	1250	53.87	9250	0.90	YQSF	77	4
29	1150	49.38	9320	0.95	YQSA	77	4
33	1020	43.33	9370	1.10	YQSAF	77	4
35	960	41.07	9370	1.15			
40	850	35.94	9340	1.30			
44	765	32.38	9290	1.40			
50	675	28.41	9190	1.55			
57	600	25.07	9070	1.70	YQS	77	4
62	565	22.89	7650	1.25	YQSF	77	4
68	520	20.99	7650	1.35	YQSA	77	4
77	455	18.42	7620	1.55	YQSAF	77	4
81	435	17.45	7590	1.65			
93	380	15.28	7510	1.85			
103	345	13.76	7430	2.1			
118	300	12.07	7310	2.4			
133	265	10.65	7170	2.7			
150	235	9.44	7030	3.1			
176	205	8.06	6830	3.3			
82	420	17.28	3810	0.80			
91	380	15.60	4180	0.90	YQS	67	4
103	335	13.73	4500	1.00	YQSF	67	4
110	320	12.96	4520	1.05	YQSA	67	4
129	270	11.03	4530	1.25	YQSAF	67	4
142	245	10.03	4520	1.35			
163	215	8.69	4490	1.55			
188	188	7.56	4430	1.55			
5.5kW							
8.8	4550	161.74	29900	0.85			
9.8	4130	145.60	32900	0.90			
11	3760	131.85	33700	0.95			
12	3360	116.92	34400	1.05			
14	3050	105.71	34900	1.15	YQS	97	4
16	2610	89.60	35500	1.25	YQSF	97	4
18	2290	78.26	35900	1.35	YQSA	97	4
20	2350	71.43	35800	1.40	YQSAF	97	4
22	1930	65.45	36200	1.50			
24	2000	60.59	36200	1.65			
26	1850	55.79	36300	1.80			
29	1660	49.87	36500	2.0			
32	1500	44.89	36600	2.2			
35	1360	40.65	36700	2.4			

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model		Pole P
5.5kW							
19	2200	77.14	28100	0.85	YQS	87	4
22	1850	64.00	28700	0.90	YQSF	87	4
25	1850	57.00	28700	0.85	YQSA	87	4
30	1560	47.91	29100	1.00	YQSAF	87	4
32	1440	44.03	29200	1.10			
37	1280	39.10	29200	1.25			
41	1150	34.96	28600	1.40			
45	1040	31.43	28000	1.55			
52	910	27.28	27200	1.75	YQS	87	4
56	870	25.50	25200	1.45	YQSF	87	4
67	730	21.43	24500	1.70	YQSA	87	4
73	675	19.70	24100	1.85	YQSAF	87	4
82	600	17.49	23500	2.1			
91	535	15.64	23000	2.3			
102	485	14.06	22500	2.6			
117	420	12.21	21800	3.0			
131	375	10.93	21200	3.3			
35	1320	41.07	7560	0.85	YQS	77	4
40	1160	35.94	7750	0.95	YQSF	77	4
44	1050	32.38	7850	1.05	YQSA	77	4
50	920	28.41	7920	1.15	YQSAF	77	4
57	820	25.07	7940	1.25			
64	725	22.22	7920	1.35			
78	625	18.42	5920	1.15			
82	590	17.45	6170	1.20	YQS	77	4
94	520	15.28	6490	1.35	YQSF	77	4
104	470	13.76	6510	1.50	YQSA	77	4
118	410	12.07	6500	1.75	YQSAF	77	4
134	365	10.65	6450	2.0			
151	325	9.44	6390	2.2			
177	275	8.06	6280	2.5			
130	370	11.03	2930	0.90	YQS	67	4
143	340	10.03	3260	1.00	YQSF	67	4
165	295	8.69	3670	1.15	YQSA	67	4
189	255	7.56	3850	1.15	YQSAF	67	4
7.5kW							
14	4160	105.71	32900	0.85			
16	3560	89.60	34100	0.90			
18	3130	78.26	34800	1.00			
20	3200	71.43	34600	1.05			
22	2630	65.45	35500	1.10	YQS	97	4
24	2730	60.59	35300	1.20	YQSF	97	4
26	2520	55.79	35600	1.30	YQSA	97	4
29	2260	49.87	35900	1.45	YQSAF	97	4
32	2040	44.89	36100	1.60			
35	1850	40.65	36300	1.80			
40	1650	36.05	36200	2.0			
44	1490	32.60	35500	2.2			
54	1240	26.39	32000	2.1			
61	1110	23.59	31400	2.3			
67	1000	21.23	30700	2.6			
74	910	19.23	30100	2.9			
32	1970	44.03	27800	0.80	YQS	87	4
37	1750	39.10	27400	0.90	YQSF	87	4
41	1570	34.96	27000	1.00	YQSA	87	4
45	1420	31.43	26500	1.15	YQSAF	87	4
52	1230	27.28	25900	1.30			
56	1180	25.50	23500	1.05			
67	1000	21.43	23000	1.25			
73	920	19.70	22700	1.35	YQS	87	4
82	820	17.49	22300	1.50	YQSF	87	4
91	730	15.64	21900	1.70	YQSA	87	4
102	660	14.06	21500	1.90	YQSAF	87	4
117	575	12.21	20900	2.2			
131	515	10.93	20500	2.4			
158	430	9.07	19700	2.7			
181	375	7.88	19100	2.7			

YUQIU MACHINERY
Through the ISO9001:2015 international system certification

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model		Pole P
7.5KW							
50	1260	28.41	6240	0.85	YQS	77	4
57	1110	25.07	6450	0.90	YQSF	77	4
64	990	22.22	6600	1.00	YQSA	77	4
78	850	18.42	1860	0.85	YQSAF	77	4
82	810	17.45	2290	0.90			
94	705	15.28	3250	1.00	YQS	77	4
104	640	13.76	3890	1.10	YQSF	77	4
118	560	12.07	4570	1.30	YQSA	77	4
134	495	10.65	5110	1.45	YQSAF	77	4
151	440	9.44	5540	1.65			
177	380	8.06	5580	1.80			
9.2KW							
18	3810	78.26	33600	0.80	YQS	97	4
22	3210	65.45	34600	0.90	YQSF	97	4
26	3070	55.79	34800	1.05	YQSA	97	4
29	2750	49.87	35300	1.20	YQSAF	97	4
32	2480	44.89	35600	1.35			
35	2260	40.65	35700	1.45			
40	2010	36.05	35000	1.65			
44	1820	32.60	34400	1.75			
55	1510	26.39	30700	1.70	YQS	97	4
61	1350	23.59	30200	1.9	YQSF	97	4
68	1220	21.23	29700	2.1	YQSA	97	4
75	1110	19.23	29200	2.3	YQSAF	97	4
84	980	17.05	28500	2.6			
93	890	15.42	28000	2.8			
110	755	13.07	27000	3.1			
126	660	11.41	26200	3.3			
41	1910	34.96	25600	0.85	YQS	87	4
46	1730	31.43	25300	0.95	YQSF	87	4
53	1500	27.28	24800	1.05	YQSA	87	4
59	1350	24.43	24400	1.20	YQSAF	87	4
71	1120	20.27	23700	1.40			
73	1120	19.70	21600	1.10			
82	1000	17.49	21300	1.25	YQS	87	4
92	890	15.64	21000	1.40	YQSF	87	4
102	800	14.06	20700	1.55	YQSA	87	4
118	700	12.21	20200	1.75	YQSAF	87	4
132	625	10.93	19800	2.0			
159	520	9.07	19100	2.2			
183	455	7.88	18600	2.2			
76	1040	18.97	5760	0.90	YQS	77	4
105	780	13.76	1350	0.90	YQSF	77	4
119	685	12.07	2290	1.05	YQSA	77	4
135	605	10.65	3060	1.20	YQSAF	77	4
152	535	9.44	3690	1.35			
179	460	8.06	4360	1.50			
11.0KW							
26	3670	55.79	33800	0.90			
29	3290	49.87	34500	1.00			
32	2970	44.89	34800	1.10			
35	2700	40.65	34400	1.20			
40	2400	36.05	33800	1.40			
44	2170	32.60	33300	1.45	YQS	97	4
55	1810	26.39	29400	1.45	YQSF	97	4
61	1620	23.59	29000	1.60	YQSA	97	4
68	1460	21.23	28600	1.80	YQSAF	97	4
75	1320	19.23	28200	1.95			
84	1180	17.05	27600	2.2			
93	1070	15.42	27200	2.3			
110	900	13.07	26400	2.6			
126	790	11.41	25700	2.8			
53	1800	27.28	23700	0.90	YQS	87	4
59	1610	24.43	23400	1.00	YQSF	87	4
71	1340	20.27	22800	1.20	YQSA	87	4
					YQSAF	87	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model		Pole P
11.0KW							
73	1340	19.70	20400	0.95			
82	1190	17.49	20200	1.05	YQS	87	4
92	1070	15.64	20000	1.15	YQSF	87	4
102	960	14.06	19800	1.30	YQSA	87	4
118	840	12.21	19400	1.50	YQSAF	87	4
132	750	10.93	19100	1.65			
159	625	9.07	18600	1.85			
183	545	7.88	18100	1.85			
15.0KW							
33	4000	44.89	31400	0.85	YQS	97	4
36	3630	40.65	31300	0.90	YQSF	97	4
41	3230	36.05	31000	1.00	YQSA	97	4
45	2920	32.60	30800	1.10	YQSAF	97	4
55	2430	26.39	26400	1.05			
62	2180	23.59	26300	1.20			
69	1970	21.23	26200	1.30			
76	1780	19.23	26000	1.45	YQS	97	4
86	1580	17.05	25700	1.60	YQSF	97	4
95	1430	15.42	25400	1.70	YQSA	97	4
112	1220	13.07	24800	1.90	YQSAF	97	4
128	1060	11.41	24300	2.1			
153	890	9.55	23600	2.3			
177	775	8.26	22900	2.3			
93	1430	15.64	17900	0.85	YQS	87	4
104	1290	14.06	17900	0.95	YQSF	87	4
120	1120	12.21	17800	1.10	YQSA	87	4
134	1010	10.93	17600	1.25	YQSAF	87	4
161	840	9.07	17300	1.35	YQS	87	4
185	730	7.88	17000	1.40	YQSF	87	4
18.5KW					YQSA	87	4
41	3970	36.05	28700	0.85	YQSAF	87	4
45	3590	32.60	28600	0.90			
53	3060	27.63	28400	1.00			
61	2680	24.13	28100	1.05			
69	2420	21.23	24100	1.10	YQS	97	4
76	2190	19.23	24100	1.20	YQSF	97	4
86	1950	17.05	24000	1.30	YQSA	97	4
95	1760	15.42	23900	1.40	YQSAF	97	4
112	1500	13.07	23500	1.55			
128	1310	11.41	23200	1.70			
153	1100	9.55	22600	1.85			
177	950	8.26	22100	1.85			
22KW							
53	3630	27.63	26600	0.85	YQS	97	4
61	3180	24.13	26500	0.90	YQSF	97	4
69	2870	21.23	19800	0.90	YQSA	97	4
76	2600	19.23	21800	1.00	YQSAF	97	4
86	2310	17.05	22300	1.10			
95	2090	15.42	22400	1.20	YQS	97	4
112	1780	13.07	22300	1.30	YQSF	97	4
128	1560	11.41	22100	1.40	YQSA	97	4
153	1300	9.55	21700	1.55	YQSAF	97	4
177	1130	8.26	21300	1.55			

YQS37/47/57R17 n_a=1400 r/min

YQS37R17			90Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Re} [N]
10037	0.14	92	3000
8654	0.16	92	3000
8066	0.17	92	3000
7051	0.20	92	3000
6079	0.23	92	3000
5431	0.26	92	3000
4747	0.29	92	3000
4155	0.34	92	3000
3632	0.39	92	3000
2866	0.49	92	3000
2471	0.57	92	3000
2160	0.65	92	3000
1887	0.74	92	3000
1665	0.84	92	3000
1456	0.96	92	3000
1271	1.1	92	3000
1121	1.2	92	3000
994	1.4	92	3000
869	1.6	92	3000
774	1.8	92	3000
666	2.1	92	3000
596	2.3	92	3000
521	2.7	92	3000
456	3.1	92	3000
398	3.5	92	3000
351	4.0	92	3000
303	4.6	92	3000
265	5.3	92	3000
232	6.0	92	3000
202	6.9	92	3000
179	7.8	92	3000
158	8.9	92	3000
144	9.7	92	3000
118	12	92	3000
110	13	92	3000

YQS47R17			185Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Re} [N]
12909	0.11	185	5250
11189	0.13	185	5250
10374	0.13	185	5250
8992	0.16	185	5250
7860	0.18	185	5250
6887	0.20	185	5250
6055	0.23	185	5250
5292	0.26	185	5250
4637	0.30	185	5250
4092	0.34	185	5250
3582	0.39	185	5200
3131	0.45	185	5200
2714	0.52	185	5200
2412	0.58	185	5200
2131	0.66	185	5200
1863	0.75	185	5200
1663	0.84	185	5200
1435	0.98	185	5200
1254	1.1	185	5200
1120	1.2	185	5200
1083	1.3	185	5200
965	1.5	185	5200
956	1.5	185	5210
865	1.6	185	5200
750	1.9	185	5200
655	2.1	185	5200
574	2.4	185	5200
506	2.8	185	5200
438	3.2	185	5200
388	3.6	185	5200
336	4.2	185	5200
294	4.8	185	5200
257	5.4	185	5260
229	6.1	185	5200
200	7.0	185	5200
187	7.5	185	5200
165	8.5	185	5200
147	9.5	185	5200
131	11	185	5200

YQS57R17			300Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
12909	0.11	330	6800
11189	0.13	330	6800
10374	0.13	330	6800
8992	0.16	330	6800
7860	0.18	330	6800
6887	0.20	330	6800
6055	0.23	330	6800
5292	0.26	330	6800
4637	0.30	330	6800
4092	0.34	330	6800
3628	0.39	330	6800
3131	0.45	300	7090
2714	0.52	300	7090
2412	0.58	300	7090
2131	0.66	300	7090
1863	0.75	300	7090
1663	0.84	300	7090
1435	0.98	300	7090
1254	1.1	300	7090
1083	1.3	300	7090
965	1.5	300	7090
865	1.6	300	7090
750	1.9	300	7090
655	2.1	300	7090
574	2.4	300	7090
506	2.8	300	7090
438	3.2	300	7090
388	3.6	300	7090
336	4.5	300	7090
294	4.8	300	7090
269	5.2	300	7090
229	6.1	300	7090
204	6.9	300	7090
187	7.5	300	7090
165	8.5	300	7090
131	11	300	7090

YQS67/77R37, YQS87R57 n_a=1400 r/min

YQS67R37			570Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
21362	0.07	570	8190
19594	0.07	570	8190
18120	0.08	570	8190
16682	0.08	570	8190
14383	0.10	570	8190
12774	0.11	570	8190
11013	0.13	570	8190
9694	0.14	570	8190
8529	0.16	570	8190
7455	0.19	570	8190
6531	0.21	570	8190
5759	0.24	570	8190
4965	0.28	570	8190
4410	0.32	570	8190
3880	0.36	570	8190
3432	0.41	570	8190
2944	0.48	570	8190
2630	0.53	570	8190
2279	0.61	570	8190
2014	0.70	570	8190
1772	0.79	570	8190
1559	0.90	570	8190
1363	1.0	570	8190
1194	1.2	570	8190
1045	1.3	570	8190
914	1.5	570	8190
809	1.7	570	8190
712	2.0	570	8190
615	2.3	570	8190
543	2.6	570	8190
469	3.0	570	8190
424	3.3	570	8190
365	3.8	570	8190
319	4.4	570	8190
281	5.0	570	8190
246	5.7	570	8190
221	6.3	570	8190
198	7.1	570	8190
168	8.3	570	8190
156	9.0	570	8190

YQS77R37			1270Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
25493	0.05	1270	11700
21787	0.06	1270	11700
19907	0.07	1270	11700
17013	0.08	1270	11700
14668	0.10	1270	11700
13110	0.11	1270	11700
11569	0.12	1270	11700
9887	0.14	1270	11700
8817	0.16	1270	11700
7735	0.18	1270	11700
6735	0.21	1270	11700
5943	0.24	1270	11700
5214	0.27	1270	11700
4618	0.30	1270	11700
3992	0.35	1270	11700
3540	0.40	1270	11700
3098	0.45	1270	11700
2753	0.51	1240	12000
2374	0.59	1240	12000
2083	0.67	1240	12000
1813	0.77	1240	12000
1745	0.80	1240	12000
1600	0.88	1240	12000
1404	1.0	1240	12000
1245	1.1	1240	12000
1100	1.3	1240	12000
954	1.5	1240	12000
837	1.7	1240	12000
714	2.0	1240	12000
637	2.2	1240	12000
574	2.4	1240	12000
499	2.8	1240	12000
438	3.2	1240	12000
389	3.6	1240	12000
327	4.3	1240	12000
289	4.8	1240	12000
250	5.6	1240	12000
219	6.4	1240	12000

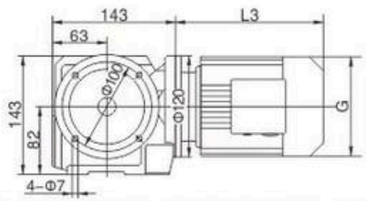
YQS87R57			2500Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
25987	0.05	2500	27500
23940	0.06	2500	27500
20568	0.07	2500	27500
18265	0.08	2500	27500
16774	0.08	2500	27500
14820	0.09	2500	27500
13160	0.11	2500	27500
11200	0.12	2500	27500
9904	0.14	2500	27500
8549	0.16	2500	27500
7643	0.18	2500	27500
6706	0.21	2500	27500
5875	0.24	2500	27500
5187	0.27	2500	27500
4606	0.30	2500	27500
3872	0.36	2500	27500
3475	0.40	2500	27500
2905	0.48	2500	27500
2586	0.54	2500	27500
2335	0.60	2500	27500
2054	0.68	2500	27500
1824	0.77	2500	27500
1631	0.86	2500	27500
1332	1.1	2500	27500
1191	1.2	2500	27500
1032	1.4	2500	27500
930	1.5	2500	27500
831	1.7	2500	27500
719	1.9	2500	27500
624	2.2	2500	27500
558	2.5	2500	27500
485	2.9	2500	27500
435	3.2	2450	27600
378	3.7	2450	27600
323	4.3	2400	27700
281	5.0	2400	27700
255	5.5	1980	28400
222	6.3	1980	28400
205	6.8	1980	28400

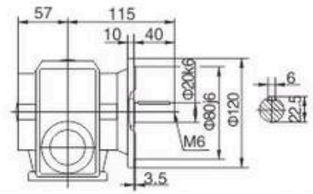
YQS97R57 n_a=1400 r/min

YQS97R57			4200Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
33818	0.04	4200	34200
31154	0.04	4200	34200
27847	0.05	4200	34200
24641	0.06	4200	34200
21537	0.07	4200	34200
18749	0.07	4200	34200
16233	0.09	4200	34200
14576	0.10	4200	34200
12752	0.11	4200	34200
11267	0.12	4200	34200
10078	0.14	4200	34200
8608	0.16	4200	34200
7554	0.19	4200	34200
6640	0.21	4200	30600
5780	0.24	4200	30600
4937	0.28	4200	30600
4444	0.32	4200	30600
4017	0.35	4200	30600
3453	0.41	4200	30600
3108	0.45	4200	30600
2654	0.53	4200	30600
2329	0.60	4200	30600
2081	0.67	4200	30600
1860	0.75	4200	30600
1574	0.89	4200	30600
1394	1.0	4200	30600
1223	1.1	4200	30600
1070	1.3	4200	30600
928	1.5	4200	30600
824	1.7	4200	30600
714	2.0	4200	34400
626	2.2	4200	30600
536	2.6	4200	30600
464	2.9	4200	30700
420	3.3	4200	30700
376	3.7	4200	30800
327	4.3	4200	30800
287	4.9	4200	30900
252	5.6	4200	31000
219	6.4	4200	31000
205	6.8	4200	31000

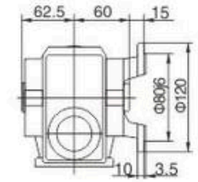
YUQIU MACHINERY Through the ISO9001:2015 international system certification

SF37/Φ120



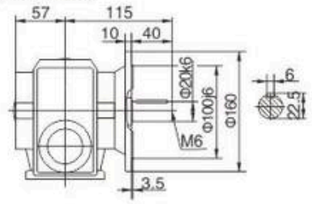


SAF37/Φ120

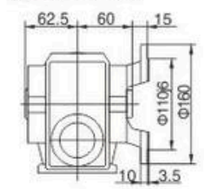


SF37/Φ160

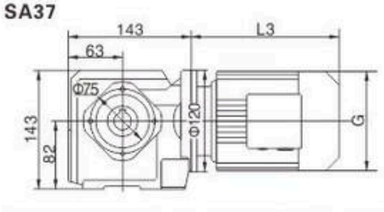


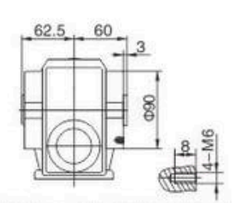


SAF37/Φ160

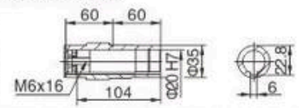


SA37

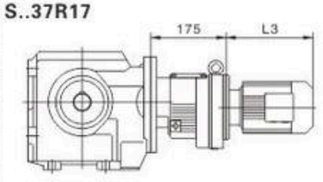




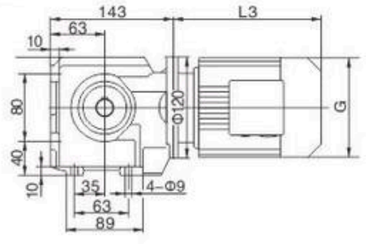
SAF37/SA37/SAZ37 Hollow shaft

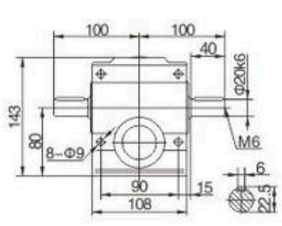


S..37R17

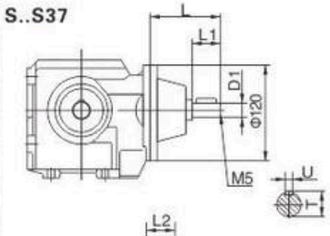


S37

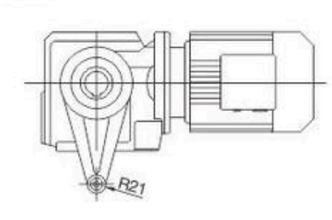


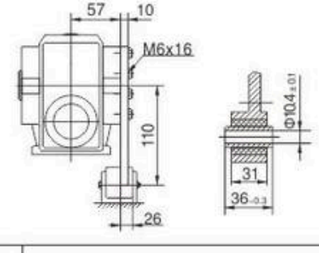


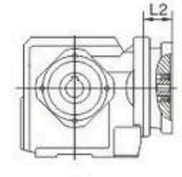
S..S37



SAT37





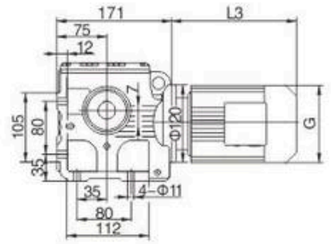


When equipping the user's motor or the special one,the flange is required to connected.

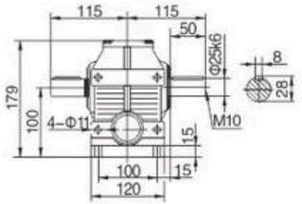
Note: For details, see pages 109–110

Y_2 Motor size	63	71		80	
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75
L3	235	245		278	
G	130	145		175	
L2	45	92		80	

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

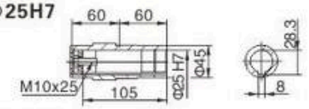


S47

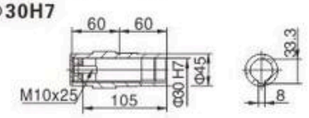


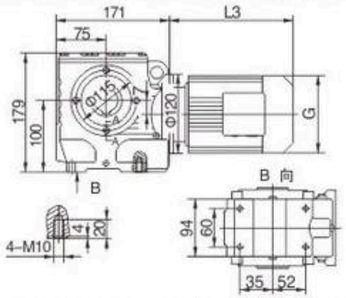
SA47/SAZ47/SAF47 Hollow shaft

Φ25H7

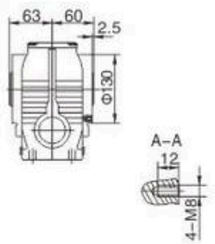


Φ30H7



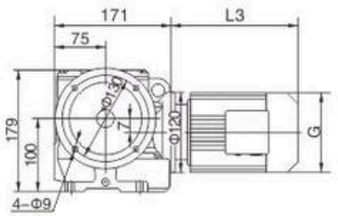


SA47

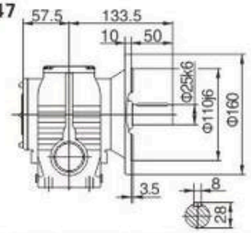


SAZ47

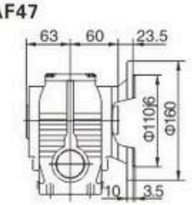




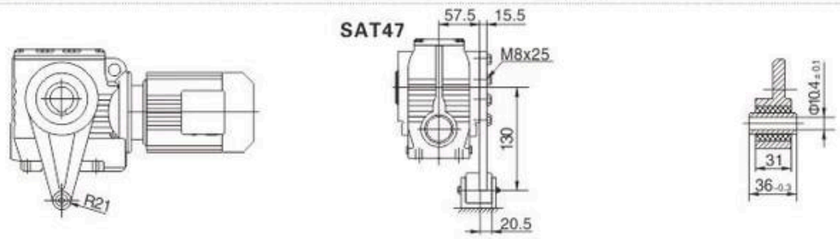
SF47



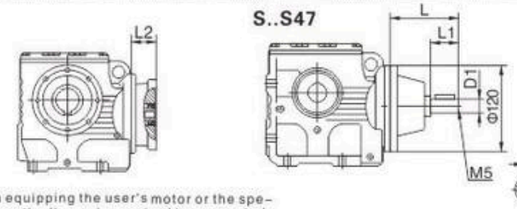
SAF47



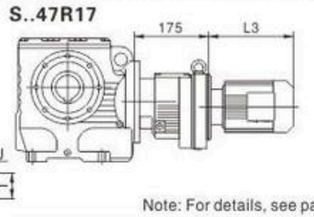
SAT47



S..S47



S..47R17

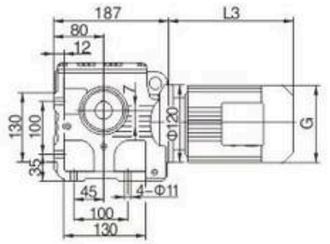


When equipping the user's motor or the special one,the flange is required to connected.

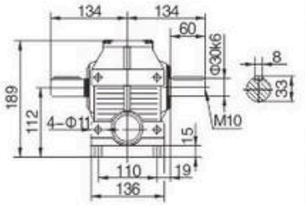
Note: For details, see pages 109–110

Y2 Motor size	63	71	80	90S	90L	
Power/4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	
L3	235	245	278	304	328	
G	130	145	175	195	195	
L2	45	92	80	80	80	

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

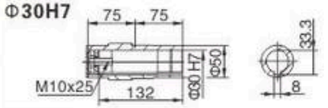


S57

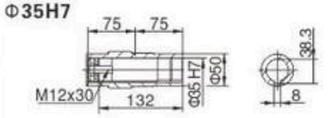


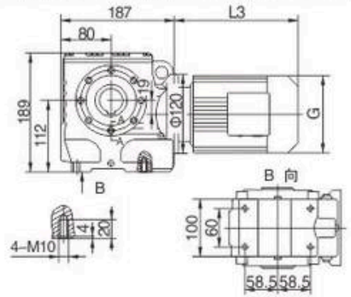
SA57/SAZ57/SAF57 Hollow shaft

Φ30H7

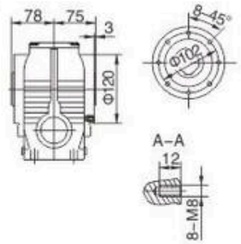


Φ35H7

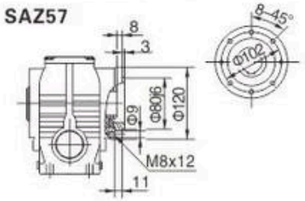


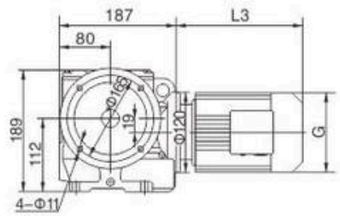


SA57

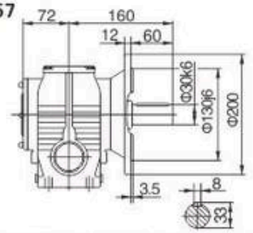


SAZ57

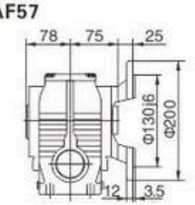




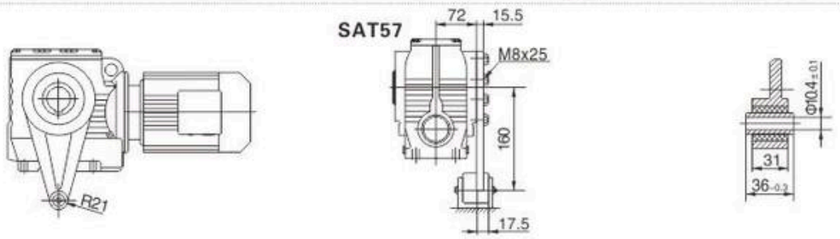
SF57



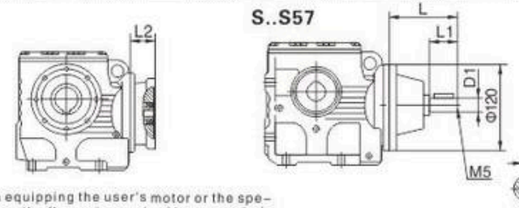
SAF57



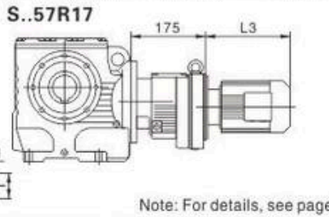
SAT57



S..S57



S..57R17

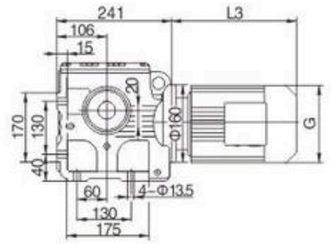


When equipping the user's motor or the special one,the flange is required to connected.

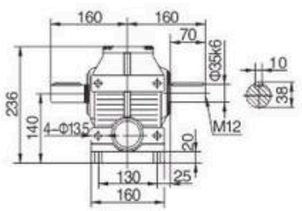
Note: For details, see pages 109–110

Y2 Motor size	63	71	80	90S	90L	100	
Power/4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	
L3	235	245	278	304	328	340	
G	130	145	175	195	195	215	
L2	45	92	80	80	80	80	

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

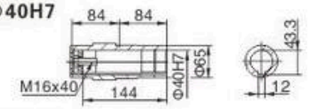


S67

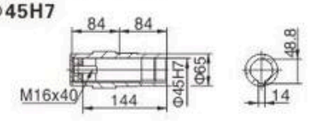


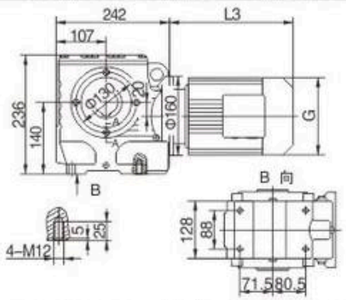
SA67/SAZ67/SAF67 Hollow shaft

Φ40H7

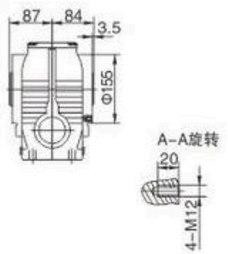


Φ45H7

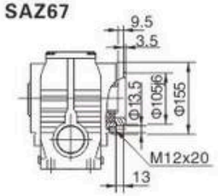


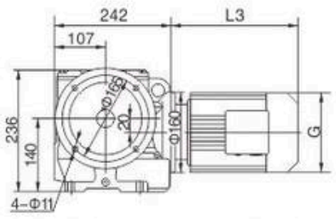


SA67

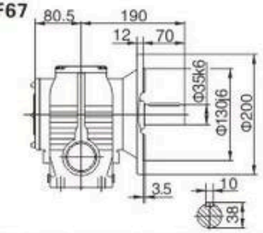


SAZ67

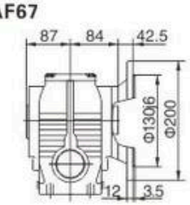




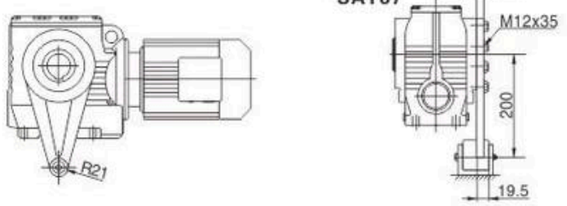
SF67

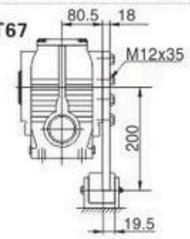


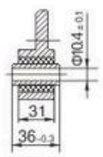
SAF67

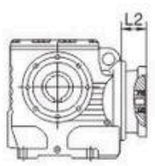


SAT67

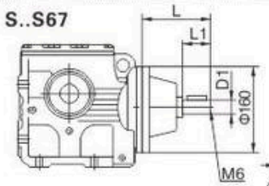




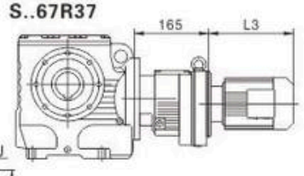




S..S67



S..67R37

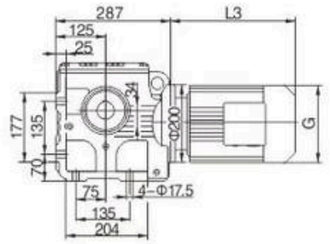


When equipping the user's motor or the special one,the flange is required to connected.

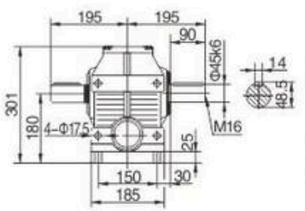
Note: For details, see pages 109–110

Y2 Motor size	71		80		90S	90L	100		112M	132S
Power/4P Power/(KW)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	245		278		304	328	350		380	425
G	145		175		195	195	215		240	275
L2	55		80		80	80	100		100	110

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

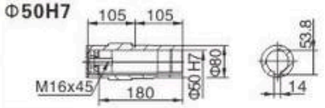


S77

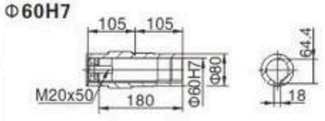


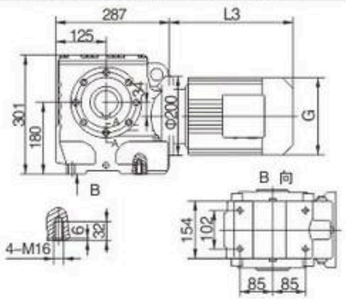
SA77/SAZ77/SAF77 Hollow shaft

Φ50H7



Φ60H7

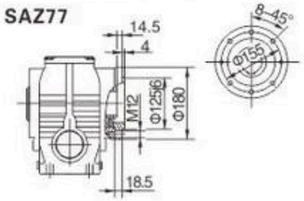


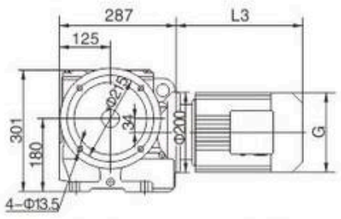


SA77

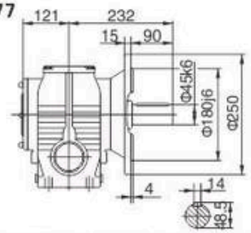


SAZ77

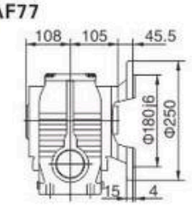




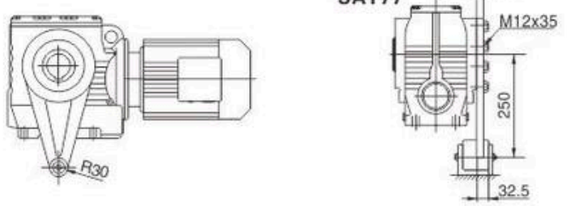
SF77

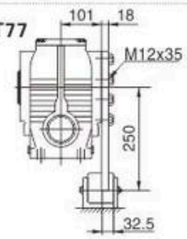


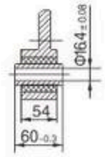
SAF77

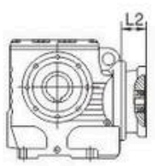


SAT77

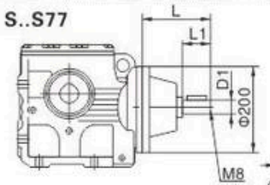




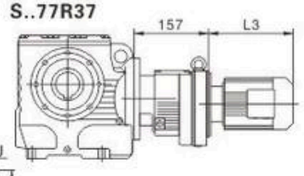




S..S77



S..77R37

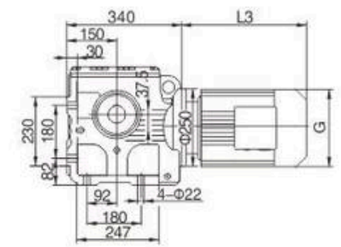


When equipping the user's motor or the special one,the flange is required to connected.

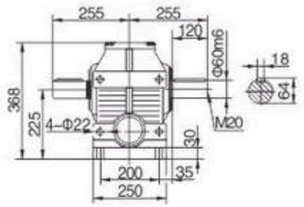
Note: For details, see pages 109–110

Y2 Motor size	80		90S	90L	100		112M	132S	132M
Power/4P Power/(KW)	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5
L3	278		304	328	350		380	425	461
G	175		195	195	215		240	275	275
L2	80		80	80	100		100	110	110

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

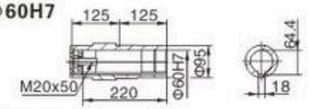


S87

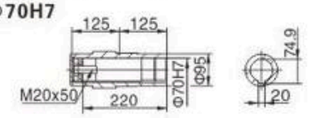


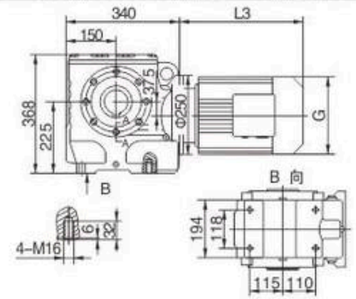
SA87/SAZ87/SAF87 Hollow shaft

Φ60H7



Φ70H7

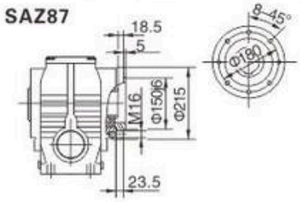


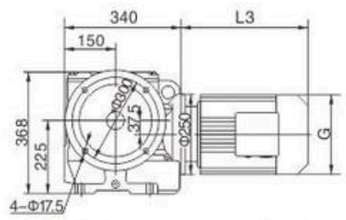


SA87

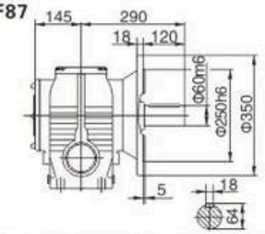


SAZ87

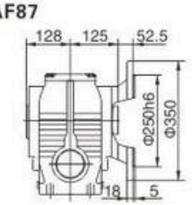




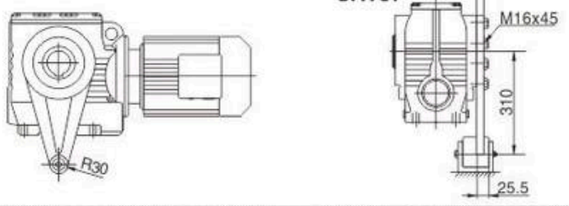
SF87

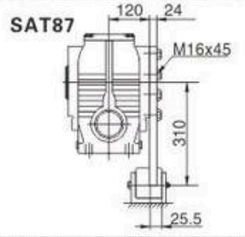


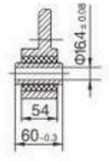
SAF87



SAT87

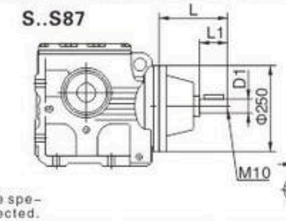




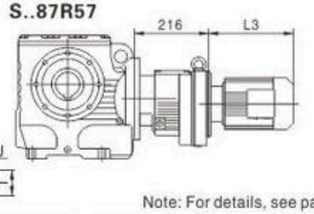




S..S87



S..87R57

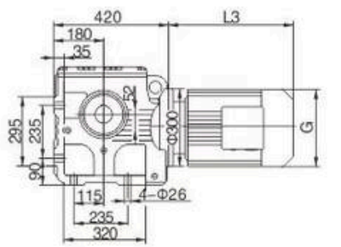


When equipping the user's motor or the special one,the flange is required to connected.

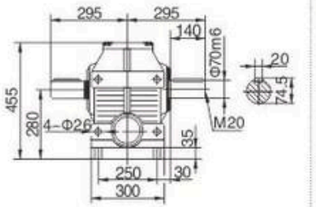
Note: For details, see pages 109–110

Y2 Motor size	80		90S	90L	100		112M	132S	132M	160M	160L	
Power/4P Power/(KW)	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	
L3	246		280	304	350		380	425	461	524	547	
G	175		195	195	215		240	275	275	330	330	
L2	80		80	80	100		100	110	110	133	133	

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

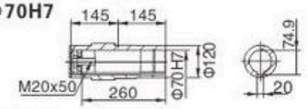


S97

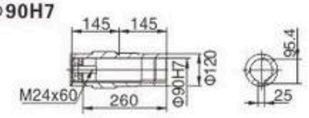


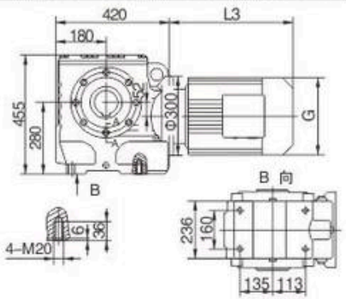
SA97/SAZ97/SAF97 Hollow shaft

Φ70H7

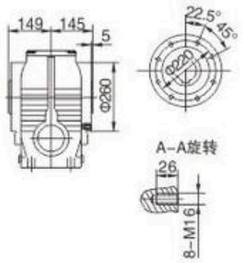


Φ90H7

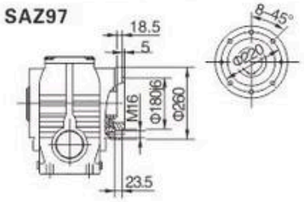


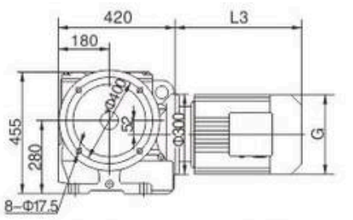


SA97

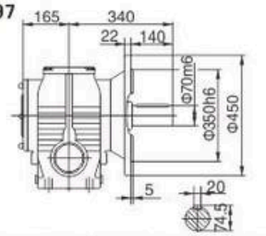


SAZ97

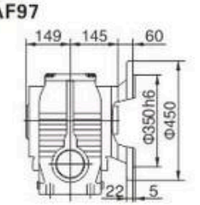




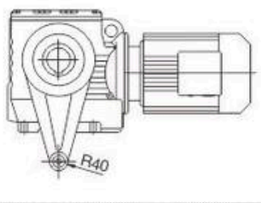
SF97

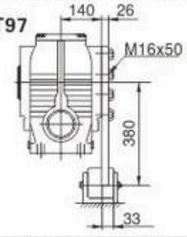


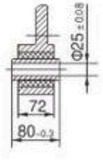
SAF97

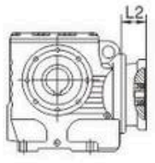


SAT97

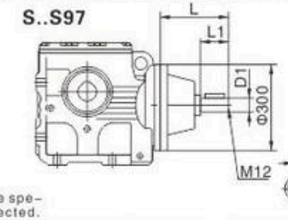




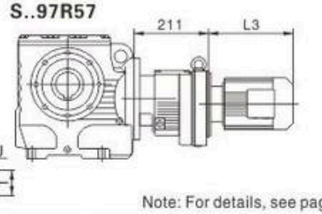




S..S97



S..97R57



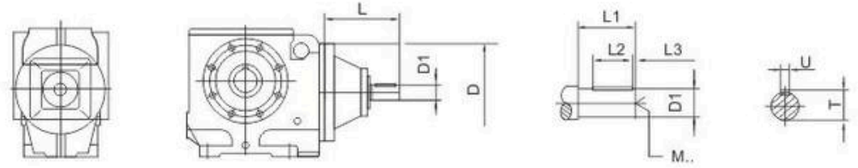
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details, see pages 109–110

Y2 Motor size	90L	100		112M	132S	132M	160M	160L	180M	180L	
Power/4P Power/(KW)	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	
L3	304	315		334	425	461	524	547	555	588	
G	195	215		240	275	275	330	330	380	380	
L2	107	100		100	110	110	133	133	133	133	

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.

YQS..~AD..



		D	L	D1	L1	L3	L2	T	U	M
YQS..37, YQS..47,S..57	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
YQS..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
YQS..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
YQS..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
YQS..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16

YQS..AM..

Fig.1

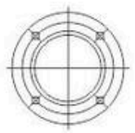
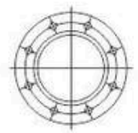
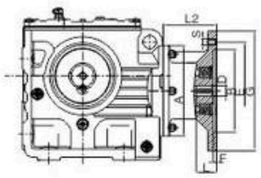


Fig.2





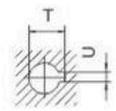
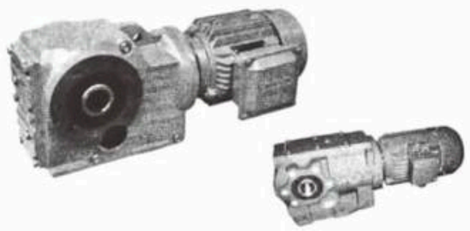
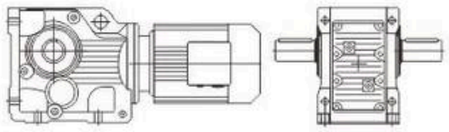


		Fig1	B	E	F	A	G	S	L2	D	L	T	U
YQS..37, YQS..47, YQS..57.	Am63	1	95	115	3.5	120	140	M8	45	11	23	12.8	4
	AM71[1]		110	130			160		92	14	30	16.3	5
	Am80[1]		130	165	4.5		200	M10	80	19	40	21.8	6
	Am90[1]									24	50	27.3	8
YQS..67	Am63	1	95	115	3.5	160	140	M8	45	11	23	12.8	4
	Am71		110	130			160		55	14	30	16.3	5
	Am80		130	165	4.5		200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	Am100[1]		180	215	5		250	M12	100	28	60	31.3	8
	Am112[1]												
YQS..77	Am63	1	95	115	3.5	200	140	M8	45	11	23	12.8	4
	Am71		110	130			160		55	14	30	16.3	5
	Am80		130	165	4.5		200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	Am100[1]		180	215	5		250	M12	100	28	60	31.3	8
	Am112[1]												
	AM132S[1]		230	265			300		110	38	80	41.3	10
	AM132M[1]												
	AM132ML[1]												
YQS..87	Am80	1	130	165	4.5	250	200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	Am100		180	215	5		250	M12	100	28	60	31.3	8
	Am112												
	Am132MS		230	265			300		110	38	80	41.3	10
	AM132M												
	AM132ML												
	Am160[1]		250	300	6		350	M16	133	42	110	45.3	12
	Am180[1]									48		51.8	14
YQS..97	Am100	1	180	215	5	300	250	M12	100	28	60	31.3	8
	Am112												
	AM132S		230	265			300		110	38	80	41.3	10
	AM132M												
	AM132ML												
	Am160		250	300	6		350	M16	133	42	110	45.3	12
	Am180									48		51.8	14
	Am200[1]		300	350	7		400		135	55		59.3	16
	Am225[1]	2	350	400			450		143	60	140	64.4	18

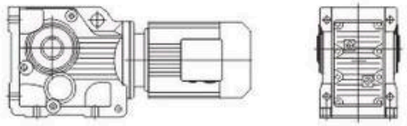
Dimension G/2 May protrude past toot mounting surface if mounted on BS foot-mounted gear unit, please check.



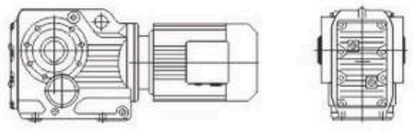
K series gear units are available in the following designs:



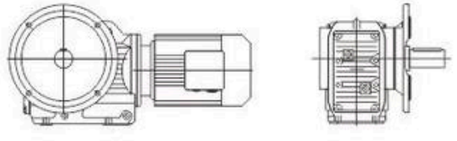
K..Y..
Foot-mounted helical-bevel gear units with solid shaft



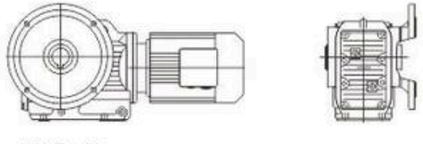
KAB..Y..
Foot-mounted helical-bevel gear units with hollow shaft



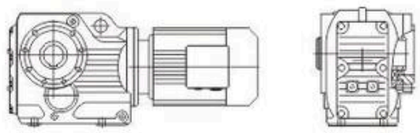
KA...Y..
Helical-bevel gear units with hollow shaft



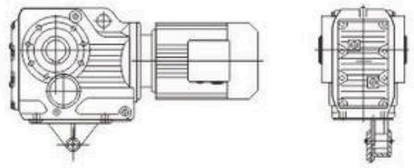
KF...Y..
Flange-mounted helical-bevel gear units with solid shaft



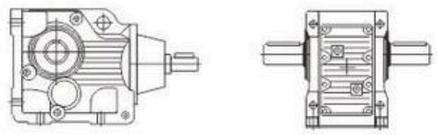
KAF...Y..
Flange-mounted helical-bevel gear units with hollow shaft



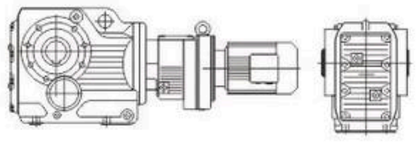
KAZ...Y..
Short-flange-mounted helical-bevel gear units with hollow shaft



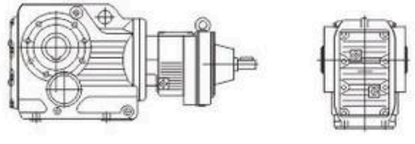
KAT...Y..
Torque-arm-mounted helical-bevel gear units with hollow shaft



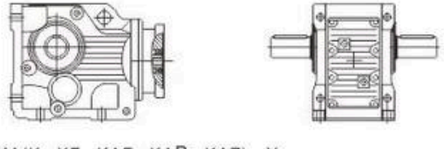
K(KF、KA、KAF、KAB、KAZ)S...
Shaft input helical-bevel gear units



KA(K、KF、KAF、KAB、KAZ)...R...Y...
Combinatorial helical-bevel gear units



KA(K、KF、KAF、KAB、KAZ)S...R...
Shaft input combinatorial helical-bevel gear units



KA(K、KF、KAF、KAB、KAZ)...Y...
When equipping the user's motor or the special one,the flange is required to be connected

Type Designations:

K F 37 - Y 0.55-4P - 24.99 - M1 - 180° - A - CW

- Gear units type
- Structure
- Size
- Motor code
- Motor power、pole
- Ratio
- Mounting position
- Position of the motor thermal box
- Position of output shaft, shrink disk or flang
- Rotate direction of output shaft

Gear units type:
Helical-bevel gear units

Structure:

Foot-mounted solid shaft output	(—)
Hollow shaft output	A
Flange-mounted solid shaft output	F
Flange-mounted hollow shaft output	AF
Short-flange-mounted hollow shaft output	AZ
Foot-mounted hollow shaft output	AB
Torque-arm-mounted hollow shaft output	AT
Foot-mounted solid shaft output,shaft input	S
Hollow shaft output,shaft input	AS
Flange-mounted solid shaft output,shaft input	FS
Flange-mounted hollow shaft output,shaft input	AFS

Size:
(see selection table)

Motor code:

Ordinary(renew)	Y(Y2)
Flame-proof	B
Direct current	Z
Brake	YEJ
Multi-speed	D
Variable frequency	YVP
Electromagnetism speed modulation	YCT
Hoisting in metallurgy	R
Variable frequency and brake	YVPJ
Roller tables	G

Motor power、pole :
(see selection table)

Ratio:
(see selection table)

Mounting position:
M1、M2、M3、M4、M5、M6、(see page 113)

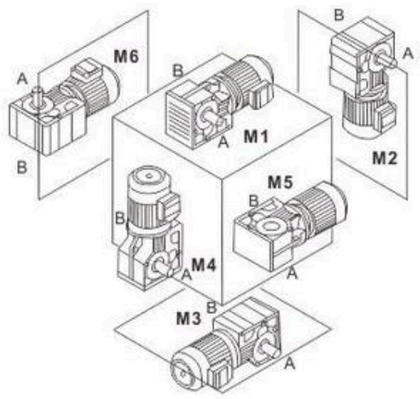
Position of the motor thermal box:
0° 、90° 、180° 、270° (see page 113)

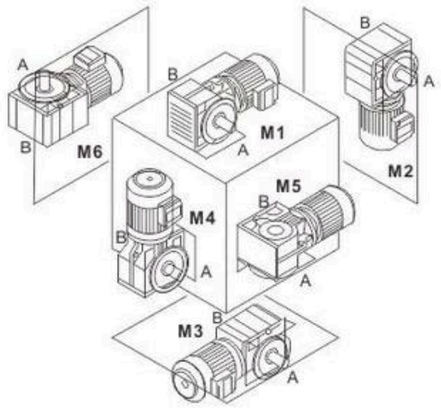
Position of output shaft or flange:
viewing on motor end:left side -A
right side-B,both sides-A+B(see mounting position)

Rotate direction of output shaft (viewing on output shaft):

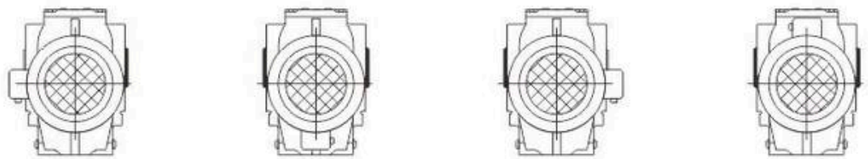
Clockwise	CW
Counter clockwise	CCW

Mounting position:





Position of the motor thermal box



0° 90° 180° 270°

Input power rating and permissible torque

Size	37	47	57	67	77	87	97	107	127	157	167	187
Structure	K KA KF KAF KAZ KAT KAB											
Input power rating (kw)	0.18~3.0	0.18~3.0	0.18~5.5	0.18~5.5	0.37~11	0.75~22	1.1~30	3~45	7.5~90	11~160	11~200	18.5~200
Ratio	5.36~106.38	5.81~131.87	6.57~145.14	7.14~144.79	7.24~192.18	7.19~197.37	8.95~176.05	8.74~141.46	8.68~146.07	12.65~150.41	17.28~163.91	17.27~180.78
Permissible torque (N.M)	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

Gear unit weight

Size	37	47	57	67	77	87	97	107	127	157	167	187
Weight (kg)	11	20	27	33	57	85	130	250	380	610	1015	1700

The weights are mean values, only for reference.

YUQIU MACHINERY Through the ISO9001:2015 international system certification

Lubrication table

K...,KAB...:

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
K..37	0.5	1	1	1.3	1	1
K..47	0.8	1.3	1.5	2	1.6	1.6
K..57	1.2	2.3	2.5	3	2.6	2.4
K..67	1.1	2.4	2.6	3.4	2.6	2.6
K..77	2.2	4.1	4.4	5.9	4.2	4.4
K..87	3.7	8	8.7	10.9	7.8	8
K..97	7	14	15.7	20	15.7	15.5
K..107	10	21	25.5	33.5	24	24
K..127	21	41.5	44	54	40	41
K..157	31	62	65	90	58	62
K..167	35	100	100	125	85	85
K..187	60	170	170	205	130	130

KF...:

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
KF37	0.5	1.1	1.1	1.5	1	1
KF47	0.8	1.3	1.7	2.2	1.6	1.6
KF57	1.3	2.3	2.7	3	2.9	2.7
KF67	1.1	2.4	2.8	3.6	2.7	2.7
KF77	2.1	4.1	4.4	6	4.5	4.5
KF87	3.7	8.2	9	11.9	8.4	8.4
KF97	7	14.7	17.3	21.5	15.7	16.5
KF107	10	22	26	35	25	25
KF127	21	41.5	46	55	41	41
KF157	31	66	69	92	62	62

KA.、KAF..、KAZ...:

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
K..37	0.5	1	1	1.4	1	1
K..47	0.8	1.3	1.6	2.1	1.6	1.6
K..57	1.3	2.3	2.7	3	2.9	2.7
K..67	1.1	2.4	2.7	3.6	2.6	2.6
K..77	2.1	4.1	4.6	6	4.4	4.4
K..87	3.7	8.2	8.8	11.1	8	8
K..97	7	14.7	15.7	20	15.7	15.7
K..107	10	20.5	24	32	24	24
K..127	21	41.5	43	52	40	40
K..157	31	66	67	87	62	62
K..167	35	100	100	125	85	85
K..187	60	170	170	205	130	130

Note: 1. The shaft input type does not have all the contents of the motor.

2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified

3. The mounting position of M1 as shown in the mounting position example(page 116–119)is the default way when supplying unless otherwise specified.

4. 0° as shown in the mounting position example(page 116–119) is the default connection box angle when supplying unless otherwise specified.

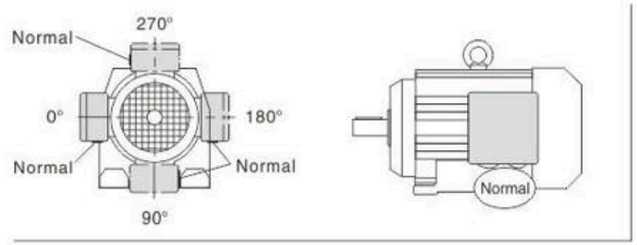
5. The mounting position of A as shown in the mounting position example(Page 116–119)is the default way When supplying reductors such as K、K、KAF、KAZ model unless otherwise specified.

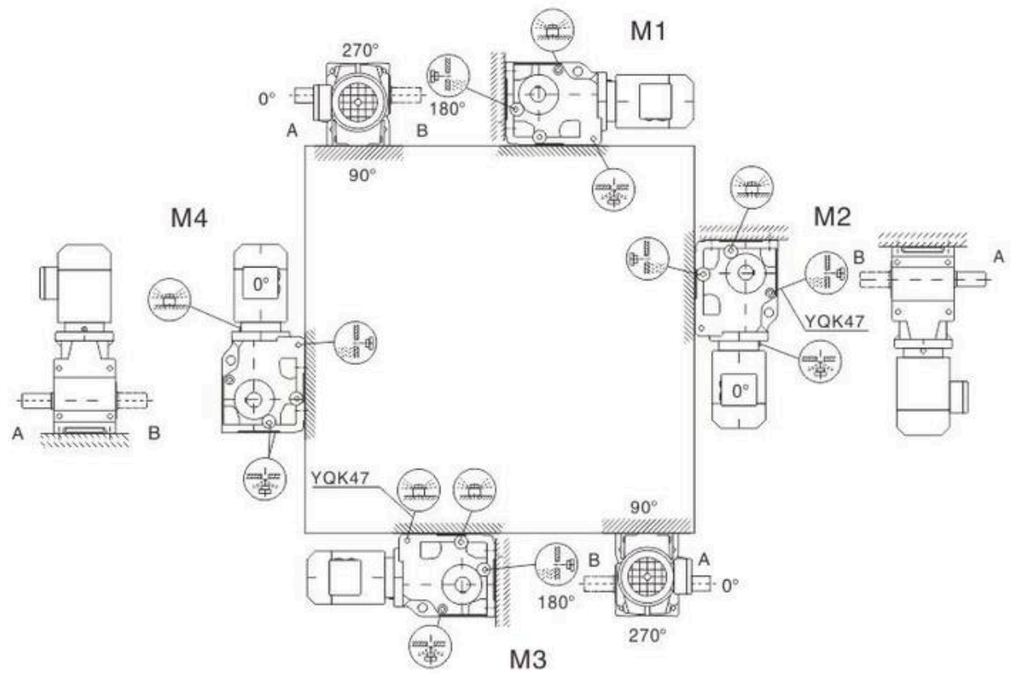
6. It is necessary to note the direction of rotation from the output shaft end.

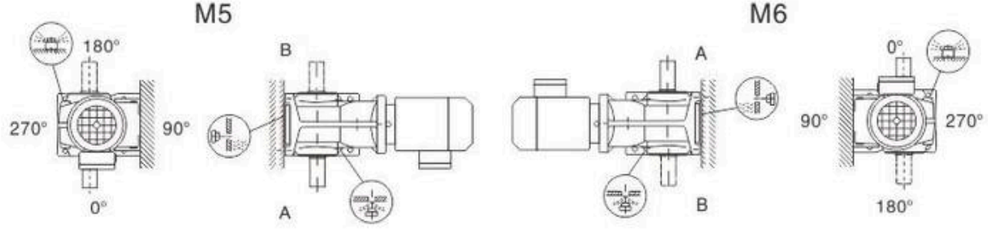
Explanation of mounting position example

Breather valve　Oil level plug　Oil drain plug

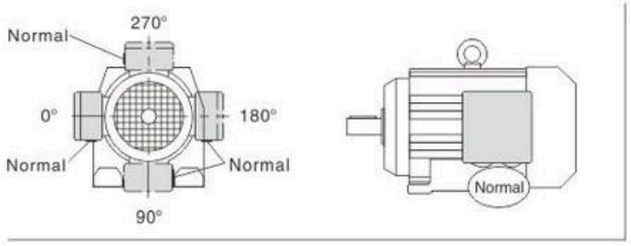
YQK/KAB37–157 Mounting position example

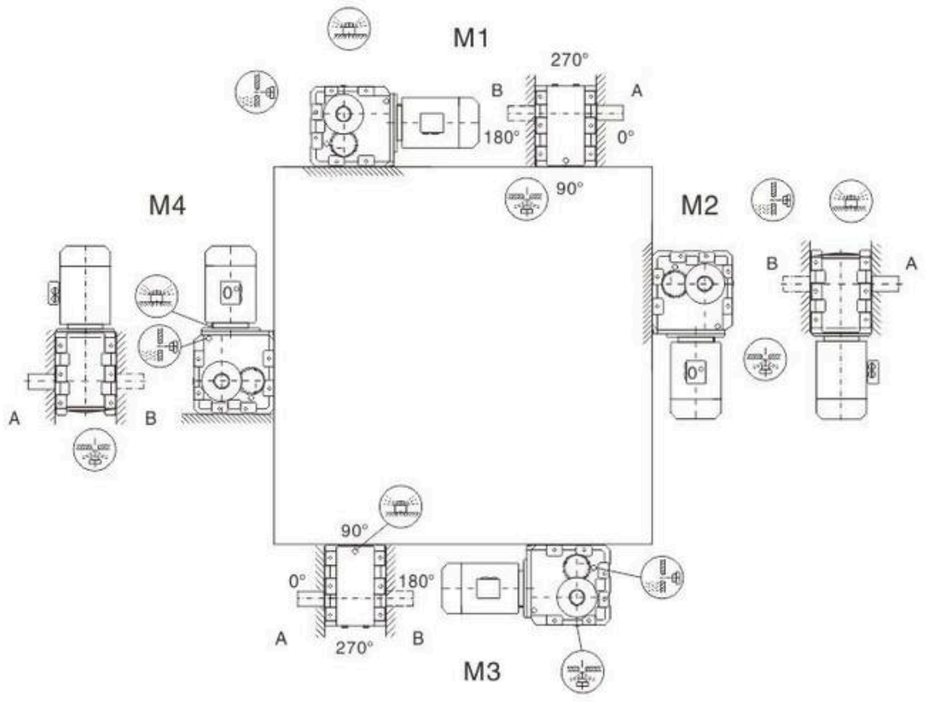


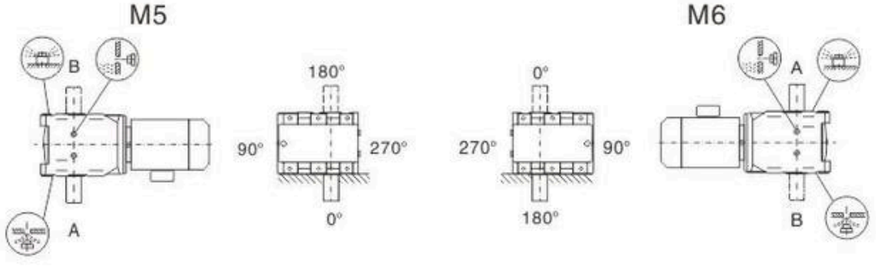




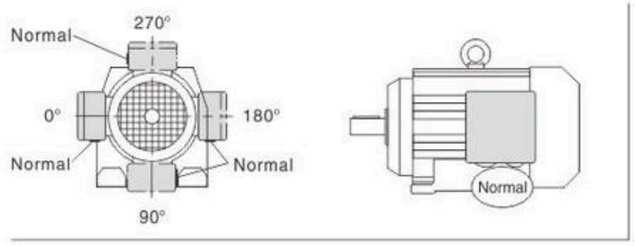
YQK/KA167–187 Mounting position example

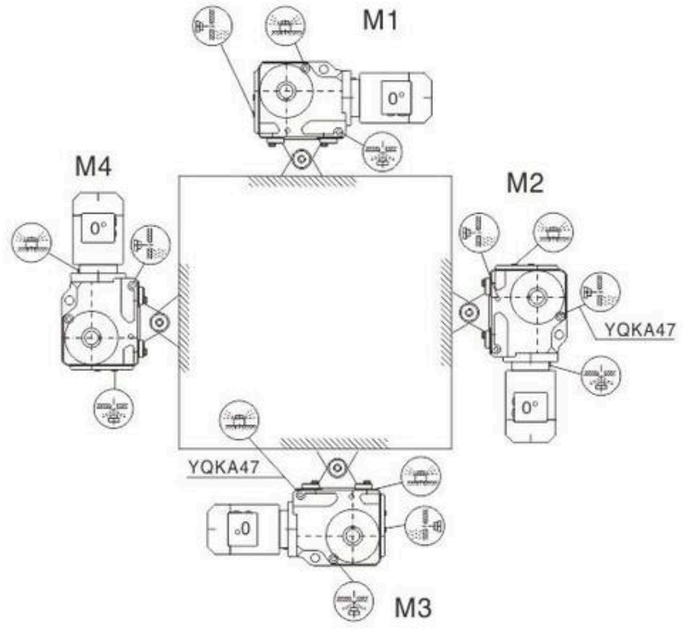


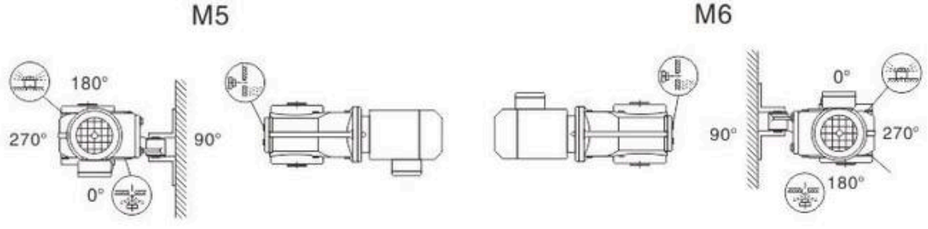




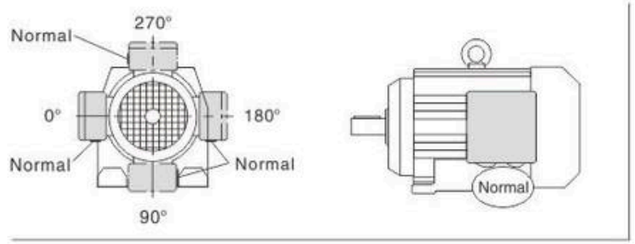
YQKAT37–157 Mounting position example

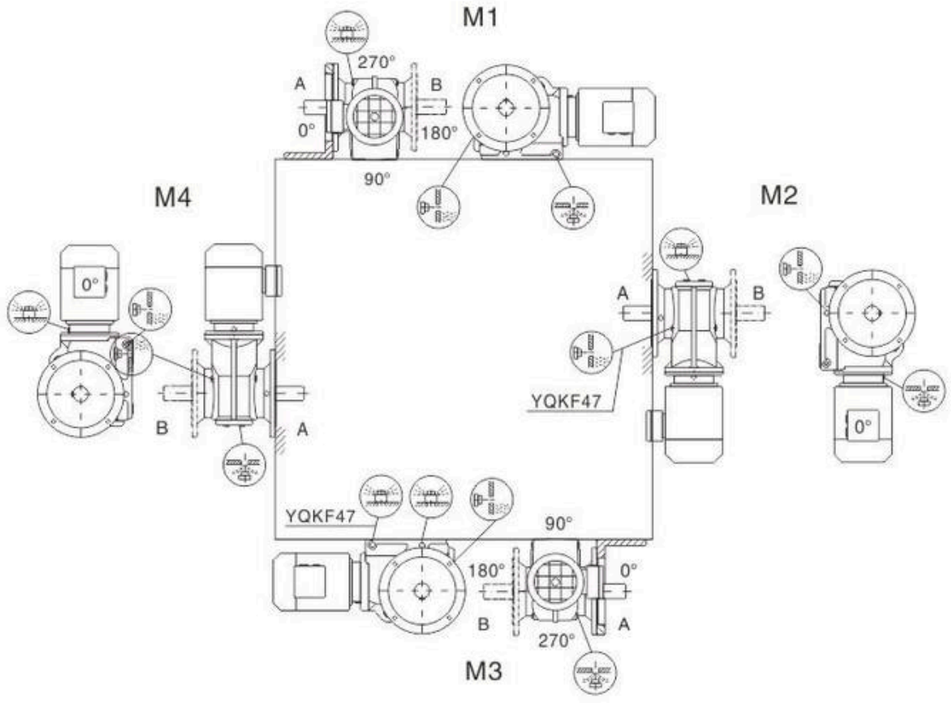


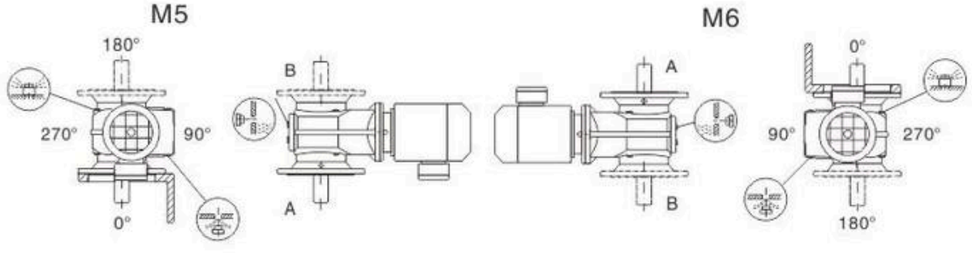




YQKF/KAF/KAZ37–157 Mounting position example







Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.12kw						
0.08	11800	17550	79800	1.10		
0.09	10700	16006	80400	1.20		
0.09	9880	14975	80700	1.30	YQK 127R77	4
0.11	8010	12440	81500	1.60	YQKF 127R77	4
0.13	6920	10915	81800	1.90	YQKA 127R77	4
0.14	6320	9819	82000	2.1	YQKAF 127R77	4
0.16	5220	8443	82300	2.5		
0.18	4820	7482	82300	2.7		
0.10	9590	14311	65000	0.85		
0.11	8060	12211	65000	1.00		
0.13	6930	10677	65000	1.15		
0.14	6280	9524	65000	1.25	YQK 107R77	4
0.17	5410	8328	65000	1.50	YQKF 107R77	4
0.19	4720	7270	65000	1.70	YQKA 107R77	4
0.22	3760	6184	65000	2.1	YQKAF 107R77	4
0.24	3320	5662	65000	2.4		
0.27	3020	5138	65000	2.7		
0.32	2700	4359	65000	3.0		
0.17	5310	8054	39500	0.80		
0.20	4350	6970	40000	1.00		
0.23	3890	6027	40000	1.10		
0.26	3560	5391	40000	1.20	YQK 97R57	4
0.30	2950	4669	40000	1.45	YQKF 97R57	4
0.34	2640	4082	40000	1.65	YQKA 97R57	4
0.39	2320	3583	40000	1.85	YQKAF 97R57	4
0.44	2040	3108	40000	2.1		
0.50	1720	2757	40000	2.5		
0.57	1580	2419	40000	2.7		
0.65	1370	2123	40000	3.2	YQK 97 R57	4
0.74	1220	1856	40000	3.5	YQKF 97 R57	4
0.85	1000	1625	40000	4.3	YQKA 97 R57	4
0.96	860	1430	40000	5.0	YQKAF 97 R57	4
1.1	830	1261	40000	5.2		
1.2	725	1102	40000	5.9		
0.26	3380	5240	26300	0.80		
0.30	2850	4562	27100	0.95	YQK 87 R57	4
0.34	2610	4037	27400	1.05	YQKF 87 R57	4
0.38	2330	3609	27700	1.15	YQKA 87 R57	4
0.44	1990	3107	28100	1.35	YQKAF 87 R57	4
0.51	1700	2728	28300	1.60		
0.58	1500	2371	28500	1.80		
0.66	1380	2088	28600	1.95		
0.74	1220	1854	28700	2.2		
0.83	1090	1657	28700	2.5	YQK 87 R57	4
0.97	930	1415	28800	2.9	YQKF 87 R57	4
1.1	800	1229	28900	3.4	YQKA 87 R57	4
1.3	695	1078	28900	3.9	YQKAF 87 R57	4
1.5	585	951	29000	4.6		
1.6	505	837	29000	5.4		
1.9	435	726	29000	6.2		
					YQK 77 R37	4
0.51	1790	2717	13400	0.85	YQKF 77 R37	4
0.58	1510	2370	15700	1.05	YQKA 77 R37	4
					YQKAF 77 R37	4
0.67	1380	2050	16500	1.10		
0.78	1180	1772	17500	1.30		
0.91	1010	1514	18300	1.55		
0.99	920	1388	18600	1.70	YQK 77 R37	4
1.1	810	1218	19000	2.2	YQKF 77 R37	4
1.3	710	1053	19200	2.2	YQKA 77 R37	4
1.5	620	924	19500	2.5	YQKAF 77 R37	4
1.7	550	815	19600	2.8		
2.0	440	709	19800	3.5		
2.2	385	622	19900	4.0		

Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.12kw						
1.0	930	1351	9230	0.90		
1.2	795	1171	10500	1.05		
1.3	695	1034	11300	1.20		
1.5	585	903	12000	1.40		
1.7	545	793	12200	1.50		
2.0	440	697	12700	1.85	YQK 67 R37	4
2.2	390	613	12900	2.1	YQKF 67 R37	4
2.5	340	542	13000	2.4	YQKA 67 R37	4
2.9	315	471	13000	2.6	YQKAF 67 R37	4
3.3	265	420	13000	3.1		
3.8	235	361	13000	3.5		
4.3	210	323	13000	3.9		
4.9	176	279	13000	4.7		
5.6	155	246	13000	5.3		
6.3	134	217	13000	6.1		
1.5	585	906	7750	1.05		
1.7	525	806	8220	1.15		
2.0	445	699	8690	1.35		
2.2	390	615	8930	1.55		
2.5	340	544	9120	1.75	YQK 57 R37	4
2.9	310	473	9250	1.95	YQKF 57 R37	4
3.3	265	421	9420	2.3	YQKA 57 R37	4
3.8	235	362	9510	2.5	YQKAF 57 R37	4
4.3	210	319	9610	2.9		
4.9	176	280	9710	3.4		
5.6	155	246	9770	3.9		
6.4	135	215	9830	4.4		
7.2	122	192	9860	4.9		
2.2	430	639	2520	0.95		
2.5	370	552	6350	1.10		
2.8	315	495	6930	1.25	YQK 47 R37	4
3.2	280	426	7240	1.45	YQKF 47 R37	4
3.7	235	375	7560	1.70	YQKA 47 R37	4
4.2	215	327	7670	1.85	YQKAF 47 R37	4
4.8	189	289	7830	2.1		
4.0	235	346	4840	0.85		
4.5	200	304	5640	1.00		
5.2	182	267	5830	1.10	YQK 37 R17	4
5.9	157	234	6060	1.25	YQKF 37 R17	4
6.7	138	205	6220	1.45	YQKA 37 R17	4
7.6	120	181	6330	1.65	YQKAF 37 R17	4
8.6	105	160	6420	1.90		
10	88	136	6500	2.3		
6.2	184	144.79	13000	4.4	YQK 67 YQKF 67 YQKA 67 YQKAF 67	6 6 6 6
6.2	185	145.14	9680	3.2		
7.3	158	123.85	9760	3.8	YQK 57	6
8.3	138	108.29	9820	4.3	YQKF 57	6
8.8	131	102.88	9840	4.6	YQKA 57	6
10	115	90.26	9880	5.2	YQKAF 57	6
12	98	76.56	9930	6.2		
9.5	121	145.14	9870	5.0	YQK 57	4
11	103	123.85	9920	5.8	YQKF 57	4
13	90	108.29	9950	6.7	YQKA 57	4
13	85	102.88	9960	7.0	YQKAF 57	4
15	75	90.26	9990	8.0		
6.8	168	131.87	7930	2.4	YQK 47	6
7.4	155	121.48	7990	2.6	YQKF 47	6
8.6	133	104.37	8070	3.0	YQKA 47 YQKAF 47	6 6
10	110	131.87	8140	3.7	YQK 47	4
11	101	121.48	8170	4.0	YQKF 47 YQKA 47 YQKAF 47	4 4 4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12kW						
8.5	136	106.38	6230	1.50	YQK 37	6
9.2	125	97.81	6300	1.60	YQKF 37	6
11	107	83.69	6410	1.90	YQKA 37	6
12	92	72.54	6480	2.2	YQKAF 37	6
13	88	106.38	6500	2.3		
14	81	97.81	6530	2.5		
16	70	83.69	6570	2.9		
19	60	72.54	6600	3.3		
20	56	67.80	6610	3.5		
24	49	58.60	6430	4.1		
28	41	49.79	6130	4.8		
31	37	44.46	5930	5.4		
36	32	37.97	5660	6.3	YQK 37	4
39	30	35.57	5550	6.8	YQKF 37	4
46	25	29.96	5270	8.0	YQKA 37	4
48	24	28.83	5210	8.4	YQKAF 37	4
55	21	24.99	4980	9.6		
59	19	23.36	4880	10		
68	17	20.19	4660	11		
80	14	17.15	4430	13		
90	13	15.31	4280	14		
105	11	13.08	4070	15		
114	10	12.14	3970	16		
0.18kW						
0.09	16300	14975	73200	0.80		
0.11	13400	12440	79000	0.95		
0.12	11600	10915	79900	1.10		
0.13	10500	9819	80400	1.25	YQK 127R77	4
0.16	8850	8443	81100	1.45	YQKF 127R77	4
0.18	8040	7482	81400	1.60	YQKA 127R77	4
0.20	6990	6565	81800	1.85	YQKAF 127R77	4
0.23	5940	5804	82100	2.2		
0.26	5220	5027	82300	2.5		
0.30	4530	4423	82400	2.9		
0.34	3960	3889	82500	3.3		
0.40	3310	3311	82600	3.9		
0.16	8990	8328	65000	0.90		
0.18	7850	7270	65000	1.00		
0.21	6420	6184	65000	1.25		
0.23	5760	5662	65000	1.40		
0.26	5230	5138	65000	1.55	YQK 107R77	4
0.30	4570	4359	65000	1.75	YQKF 107R77	4
0.35	4000	3810	65000	2.0	YQKA 107R77	4
0.39	3440	3358	65000	2.3	YQKAF 107R77	4
0.44	3090	2977	65000	2.6		
0.51	2700	2599	65000	3.0		
0.58	2340	2286	65000	3.4		
0.28	4960	4669	39900	0.85		
0.32	4390	4082	40000	1.00	YQK 97 R57	4
0.37	3860	3583	40000	1.10	YQKF 97 R57	4
0.42	3370	3108	40000	1.25	YQKA 97 R57	4
0.48	2910	2757	40000	1.50	YQKAF 97 R57	4
0.55	2640	2419	40000	1.65		
0.62	2290	2123	40000	1.95		
0.71	2030	1856	40000	2.1		
0.81	1710	1625	40000	2.5		
0.92	1490	1430	40000	2.9	YQK 97 R57	4
1.0	1380	1261	40000	3.1	YQKF 97 R57	4
1.2	1210	1102	40000	3.6	YQKA 97 R57	4
1.4	1040	957	40000	4.1	YQKAF 97 R57	4
1.5	930	855	40000	4.6		
1.8	755	743	40000	5.7		
2.0	675	652	40000	6.4		
0.42	3330	3107	26400	0.80	YQK 87 R57	4
0.48	2880	2728	27100	0.95	YQKF 87 R57	4
0.56	2520	2371	27500	1.05	YQKA 87 R57	4
					YQKAF 87 R57	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
0.63	2290	2088	27800	1.20		
0.71	2030	1854	28000	1.35	YQK 87R57	4
0.80	1820	1657	28200	1.50	YQKF 87R57	4
0.93	1540	1415	28400	1.75	YQKA 87R57	4
1.1	1340	1229	28600	2.0	YQKAF 87R57	4
1.2	1160	1078	28700	2.3		
1.4	1000	951	28800	2.7		
1.6	870	837	28800	3.1		
1.8	755	726	28900	3.6		
0.87	1670	1514	14500	0.95		
0.95	1530	1388	15500	1.00		
1.1	1340	1218	16700	1.15		
1.2	1170	1053	17600	1.35		
1.4	1030	924	18200	1.50	YQK 77R37	4
1.6	910	815	18700	1.70	YQKF 77R37	4
1.9	750	709	19100	2.1	YQKA 77R37	4
2.1	655	622	19400	2.4	YQKAF 77R37	4
2.4	590	552	19500	2.6		
2.7	515	485	19700	3.0		
3.1	455	428	19800	3.4		
3.6	400	367	19900	3.9		
1.5	980	903	5660	0.85		
1.7	890	793	9620	0.90		
1.9	745	697	10900	1.10		
2.2	655	613	11600	1.25	YQK 67R37	4
2.4	580	542	12000	1.40	YQKF 67R37	4
2.8	520	471	12300	1.60	YQKA 67R37	4
3.2	445	420	12600	1.85	YQKAF 67R37	4
3.7	395	361	12800	2.1		
4.1	350	323	13000	2.3		
4.7	295	279	13000	2.8		
2.2	660	615	5580	0.90		
2.4	580	544	7800	1.05		
2.8	515	473	8300	1.15		
3.1	450	421	8670	1.35	YQK 57R37	4
3.6	395	362	8900	1.50	YQKF 57R37	4
4.1	350	319	9100	1.75	YQKA 57R37	4
4.7	300	280	9290	2.0	YQKAF 57R37	4
5.4	260	246	9420	2.3		
6.1	230	215	9540	2.6		
6.9	205	192	9610	2.9		
7.9	178	166	9700	3.4		
3.5	400	375	5930	1.00		
4.0	360	327	6440	1.10		
4.6	315	289	6920	1.25	YQK 47R37	4
5.2	275	256	7290	1.45	YQKF 47R37	4
5.9	245	225	7500	1.65	YQKA 47R37	4
6.7	210	198	7710	1.90	YQKAF 47R37	4
7.7	183	171	7860	2.2		
8.6	164	153	7950	2.4		
10	142	131	8040	2.8		
6.4	225	205	5300	0.90		
7.3	199	181	5650	1.00	YQK 37R17	4
8.2	175	160	5900	1.15	YQKF 37R17	4
9.7	148	136	6140	1.35	YQKA 37R17	4
10	140	127	6200	1.45	YQKAF 37R17	4
6.0	285	144.79	13000	2.9	YQK 67	6
7.0	245	123.54	13000	3.4	YQKF 67	6
8.1	215	108.03	13000	3.8	YQKA 67	6
8.5	205	102.62	13000	4.0	YQKAF 67	6
9.1	189	144.79	13000	4.3	YQK 67	4
11	161	123.54	13000	5.1	YQKF 67	4
12	141	108.03	13000	5.8	YQKA 67	4
					YQKAF 67	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18kW						
6.0	285	145.14	9340	2.1	YQK 57	6
7.0	245	123.85	9480	2.5	YQKF 57	6
8.0	215	108.29	9590	2.8	YQKA 57	6
8.5	205	102.88	9620	3.0	YQKAF 57	6
9.6	178	90.26	9700	3.4		
9.1	189	145.14	9670	3.2		
11	161	123.85	9750	3.7	YQK 57	4
12	141	108.29	9810	4.3	YQKF 57	4
13	134	102.88	9830	4.5	YQKA 57	4
15	118	90.26	9880	5.1	YQKAF 57	4
17	100	76.56	9920	6.0		
6.6	260	131.87	7380	1.55		
7.2	240	121.48	7530	1.65	YQK 47	6
8.3	205	104.37	7740	1.95	YQKF 47	6
9.6	180	90.86	7880	2.2	YQKA 47	6
10	168	85.12	7930	2.4	YQKAF 47	6
10	172	131.87	7910	2.3		
11	158	121.48	7970	2.5	YQK 47	4
13	136	104.37	8060	2.9	YQKF 47	4
15	118	90.86	8120	3.4	YQKA 47	4
16	111	85.12	8140	3.6	YQKAF 47	4
8.2	210	106.38	5520	0.95	YQK 37	6
8.9	193	97.81	5710	1.05	YQKF 37	6
10	165	83.69	5990	1.20	YQKA 37	6
12	143	72.54	6170	1.40	YQKAF 37	6
12	139	106.38	6210	1.45		
14	127	97.81	6280	1.55		
16	109	83.69	6400	1.85		
18	95	72.54	6470	2.1		
19	88	67.80	6500	2.3		
23	76	58.60	6280	2.6		
27	65	49.79	6010	3.1		
30	58	44.46	5830	3.5		
35	49	37.97	5580	4.1		
37	46	35.57	5480	4.3	YQK 37	4
44	39	29.96	5220	5.1	YQKF 37	4
46	38	28.83	5160	5.3	YQKA 37	4
53	33	24.99	4950	6.2	YQKAF 37	4
57	30	23.36	4850	6.4		
65	26	20.19	4650	7.0		
77	22	17.15	4430	8.1		
86	20	15.31	4280	8.8		
101	17	13.08	4080	9.7		
109	16	12.14	3980	10		
126	14	10.49	3810	12		
148	12	8.91	3620	14		
166	10	7.96	3490	15		
0.25kw						
0.13	15300	9819	75300	0.85		
0.15	13000	8443	79200	1.00		
0.17	11700	7482	79900	1.10	YQK 127R77	4
0.20	10200	6565	80600	1.30	YQKF 127R77	4
0.22	8770	5804	81200	1.50	YQKA 127R77	4
0.26	7670	5027	81600	1.70	YQKAF 127R77	4
0.29	6680	4423	81900	1.95		
0.33	5850	3889	82100	2.2		
0.39	4930	3311	82300	2.6		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.25kw						
0.21	9400	6184	65000	0.85		
0.23	8520	5662	65000	0.95		
0.25	7730	5138	65000	1.05		
0.30	6700	4359	65000	1.20	YQK 107R77	4
0.34	5850	3810	65000	1.35	YQKF 107R77	4
0.39	5070	3358	65000	1.60	YQKA 107R77	4
0.44	4540	2977	65000	1.75	YQKAF 107R77	4
0.50	3970	2599	65000	2.0		
0.57	3450	2286	65000	2.3		
0.67	2930	1939	65000	2.7		
0.76	2640	1713	65000	3.0	YQK 107R77	4
0.84	2390	1554	65000	3.3	YQKF 107R77	4
0.97	2060	1336	65000	3.9	YQKA 107R77	4
					YQKAF 107R77	4
0.42	4890	3108	40000	0.90	YQK 97 R57	4
0.47	4250	2757	40000	1.00	YQKF 97 R57	4
					YQKA 97 R57	4
					YQKAF 97 R57	4
0.54	3840	2419	40000	1.10		
0.61	3340	2123	40000	1.30		
0.70	2950	1856	40000	1.45	YQK 97 R57	4
0.80	2520	1625	40000	1.70	YQKF 97 R57	4
0.91	2190	1430	40000	1.95	YQKA 97 R57	4
1.0	2010	1261	40000	2.1	YQKAF 97 R57	4
1.2	1750	1102	40000	2.5		
1.4	1520	957	40000	2.8		
1.5	1360	855	40000	3.2		
0.62	3320	2088	26400	0.80		
0.70	2950	1854	27000	0.90		
0.78	2640	1657	27400	1.00		
0.92	2250	1415	27800	1.20	YQK 87 R57	4
1.1	1950	1229	28100	1.40	YQKF 87 R57	4
1.2	1700	1078	28300	1.60	YQKA 87 R57	4
1.4	1470	951	28500	1.85	YQKAF 87 R57	4
1.5	1280	837	28600	2.1		
1.8	1110	726	28700	2.4		
2.0	990	638	28800	2.7		
1.2	1690	1053	14300	0.90		
1.4	1480	924	15800	1.05		
1.6	1310	815	16900	1.20		
1.8	1100	709	17900	1.40		
2.1	960	622	18400	1.60		
2.3	860	552	18000	1.80	YQK 77 R37	4
2.7	755	485	19100	2.0	YQKF 77 R37	4
3.0	665	428	19300	2.3	YQKA 77 R37	4
3.5	580	367	19500	2.7	YQKAF 77 R37	4
4.0	515	328	19700	3.0		
4.5	460	290	19800	3.4		
5.2	395	252	19900	3.9		
5.9	345	221	19900	4.5		
6.7	305	195	20000	5.1		
7.4	270	175	20000	5.7		
2.1	960	613	7350	0.85		
2.4	850	542	10100	0.95		
2.8	755	471	10900	1.10	YQK 67 R37	4
3.1	655	420	11600	1.25	YQKF 67 R37	4
3.6	575	361	12000	1.45	YQKA 67 R37	4
4.0	510	323	12400	1.60	YQKAF 67 R37	4
4.7	435	279	12700	1.90		
5.3	385	246	12900	2.1		
6.0	335	217	13000	2.4		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kW						
3.1	655	421	5750	0.90		
3.6	575	362	7840	1.05		
4.1	505	319	8380	1.20		
4.7	435	280	8720	1.35		
5.3	385	246	8950	1.55	YQK 57R37	4
6.1	335	215	9150	1.80	YQKF 57R37	4
6.8	300	192	9280	2.0	YQKA 57R37	4
7.8	260	166	9430	2.3	YQKAF57R37	4
9.0	225	145	9550	2.7		
10	205	129	9620	2.9		
12	173	111	9720	3.5		
13	152	97	9780	4.0		
4.4	540	154.02	19600	2.9	YQK 77	8
5.0	475	135.28	19700	3.3	YQKF 77	8
5.3	450	128.52	19800	3.4	YQKA 77	8
6.0	400	113.56	19900	3.9	YQKAF77	8
4.6	520	192.18	19700	2.8	YQK 77	6
4.9	485	179.37	19700	3.0	YQKF 77	6
5.7	420	154.02	19800	3.7	YQKA 77	6
6.5	365	135.28	19900	4.2	YQKAF77	6
5.5	435	123.54	12700	1.90	YQK 67	8
6.3	380	108.03	12900	2.2	YQKF 67	8
6.6	360	102.62	12900	2.3	YQKA 67	8
7.6	315	90.04	13000	2.6	YQKAF67	8
6.1	395	144.79	12800	2.1	YQK 67	6
7.1	335	123.54	13000	2.5	YQKF 67	6
8.1	395	108.03	13000	2.8	YQKA 67	6
8.6	280	102.62	13000	3.0	YQKAF67	6
9.0	265	144.79	13000	3.1	YQK 67	4
11	225	123.54	13000	3.6	YQKF 67	4
12	198	108.03	13000	4.1	YQKA 67	4
13	189	102.62	13000	4.3	YQKAF67	4
6.1	395	145.14	8910	1.50		
7.1	335	123.85	9150	1.80	YQK 57	6
8.1	295	108.29	9310	2.0	YQKF 57	6
8.6	280	102.88	9360	2.2	YQKA 57	6
9.8	245	90.26	9480	2.5	YQKAF57	6
11	210	76.56	9610	2.9		
9.0	265	145.14	9410	2.2		
11	225	123.85	9540	2.6	YQK 57	4
12	199	108.29	9640	3.0	YQKF 57	4
13	189	102.88	9670	3.2	YQKA 57	4
14	166	90.26	9740	3.6	YQKAF57	4
17	141	76.56	9810	4.3		
6.7	360	131.87	6470	1.10		
7.2	330	121.48	6780	1.20	YQK 47	6
8.4	285	104.37	7210	1.40	YQKF 47	6
9.7	245	90.86	7480	1.60	YQKA 47	6
10	230	85.12	7590	1.75	YQKAF47	6
9.9	240	131.87	7510	1.65		
11	225	121.48	7640	1.80	YQK 47	4
12	192	104.37	7820	2.1	YQKF 47	4
14	167	90.86	7930	2.4	YQKA 47	4
15	156	85.12	7980	2.6	YQKAF47	4
11	225	83.69	5300	0.90	YQK 37	6
12	197	72.54	5680	1.00	YQKF 37	6
13	184	67.80	5810	1.10	YQKA 37	6
15	159	58.60	6050	1.25	YQKAF37	6
18	135	49.79	6230	1.50		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kW						
12	195	106.38	5690	1.00		
13	180	97.81	5860	1.10		
16	154	83.69	6090	1.30		
18	133	72.54	6250	1.50		
19	125	67.80	6230	1.60		
22	108	58.60	6030	1.85		
26	91	49.79	5810	2.2		
29	82	44.46	5650	2.5		
34	70	37.97	5430	2.9		
37	65	35.57	5340	3.1		
43	55	29.96	5100	3.6	YQK 37	4
45	53	28.83	5050	3.8	YQKF 37	4
52	46	24.99	4860	4.4	YQKA 37	4
56	43	23.36	4770	4.6	YQKAF37	4
64	37	20.19	4580	5.0		
76	32	17.15	4370	5.7		
85	28	15.31	4230	6.2		
99	24	13.08	4030	6.9		
107	22	12.14	3940	7.2		
124	19	10.49	3780	8.3		
146	16	8.91	3590	9.8		
163	15	7.96	3470	11		
191	13	6.80	3310	12		
204	12	6.37	3240	12		
0.37kW						
0.18	16600	7482	72600	0.80		
0.21	14500	6565	76900	0.90	YQK 127R77	4
0.24	12600	5804	79400	1.05	YQKF 127R77	4
0.27	11000	5027	80200	1.20	YQKA 127R77	4
0.31	9610	4432	80800	1.35	YQKAF127R77	4
0.35	8430	3889	81300	1.55		
0.42	7120	3311	81700	1.85		
0.72	4230	1926	82500	3.1	YQK 127R77	4
0.79	3860	1757	82500	3.4	YQKF 127R77	4
0.90	3360	1541	82600	3.9	YQKA 127R77	4
					YQKAF127R77	4
0.36	8380	3810	65000	0.95		
0.41	7300	3358	65000	1.10	YQK 107R77	4
0.46	6510	2977	65000	1.25	YQKF 107R77	4
0.53	5690	2599	65000	1.40	YQKA 107R77	4
0.60	4970	2286	65000	1.60	YQKAF107R77	4
0.71	4210	1939	65000	1.90		
0.81	3790	1713	65000	2.1	YQK 107R77	4
0.89	3440	1554	65000	2.3	YQKF 107R77	4
1.0	2950	1336	65000	2.7	YQKA 107R77	4
1.2	2580	1166	65000	3.1	YQKAF107R77	4
0.65	4770	2123	40000	0.90		
0.74	4200	1856	40000	1.00		
0.85	3610	1625	40000	1.20		
0.96	3160	1430	40000	1.35	YQK 97 R57	4
1.1	2850	1261	40000	1.50	YQKF 97 R57	4
1.2	2490	1102	40000	1.70	YQKA 97 R57	4
1.4	2160	957	40000	2.0	YQKAF97 R57	4
1.6	1930	855	40000	2.2		
1.9	1620	743	40000	2.7		
2.1	1430	652	40000	3.0		
2.4	1280	273	40000	3.4		
0.97	3200	1415	26600	0.85		
1.1	2770	1229	27200	0.95		
1.3	2420	1078	27600	1.10		
1.5	2110	651	27900	1.30	YQK 87 R57	4
1.6	1850	837	28200	1.45	YQKF 87 R57	4
1.9	1600	726	28400	1.70	YQKA 87 R57	4
2.2	1420	638	28500	1.90	YQKAF87 R57	4
2.5	1240	562	28600	2.2		
2.9	1040	474	28800	2.6		
3.2	940	426	28800	2.9		
3.7	810	373	28900	3.3		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
1.7	1860	815	10600	0.85		
2.0	1580	709	15200	1.00		
2.2	1380	622	16500	1.10		
2.5	1230	552	17300	1.25		
2.8	1080	485	18000	1.45		
3.2	950	428	18500	1.60	YQK 77R37	4
3.8	830	367	18900	1.85	YQKF 77R37	4
4.2	735	328	19200	2.1	YQKA 77R37	4
4.8	655	290	19400	2.4	YQKAF77R37	4
5.5	565	252	19600	2.8		
6.2	495	221	19700	3.1		
7.1	435	195	19800	3.5		
7.9	390	175	19900	4.0		
9.0	340	154	19900	4.5		
3.3	940	420	9000	0.90		
3.8	820	361	10300	1.00		
4.3	725	323	11100	1.15		
4.9	625	279	11800	1.30	YQK 67R37	4
5.6	550	246	12200	1.50	YQKF 67R37	4
6.3	485	217	12500	1.70	YQKA 67R37	4
7.2	430	191	12700	1.90	YQKAF67R37	4
8.3	370	166	12900	2.2		
9.6	320	144	13000	2.5		
11	275	122	13000	3.0		
4.9	625	280	7430	0.95		
5.6	550	246	8040	1.10		
6.4	480	215	8520	1.25		
7.2	430	192	8750	1.40	YQK 57R37	4
8.3	370	166	9000	1.60	YQKF 57R37	4
9.6	325	145	9200	1.85	YQKA 57R37	4
11	290	129	9320	2.1	YQKAF57R37	4
12	245	111	9480	2.4		
14	215	97	9580	2.8		
3.9	910	174.19	28800	3.0	YQK 87	
4.1	850	164.34	28900	3.2	YQKF 87	8
4.6	765	147.32	28900	3.5	YQKA 87	
					YQKAF 87	
4.6	775	197.37	28900	3.5	YQK 87	6
5.2	685	174.19	28900	4.0	YQKF 87	6
					YQKA 87	6
					YQKAF 87	6
5.0	705	135.28	19300	2.2	YQK 77	
5.3	670	128.52	19300	2.3	YQKF 77	8
6.0	590	113.56	19500	2.6	YQKA 77	
7.0	505	97.05	19700	3.1	YQKAF 77	
5.8	605	154.05	19500	2.6	YQK 77	6
6.7	530	135.28	19600	2.9	YQKF 77	6
7.0	505	128.52	19700	3.1	YQKA 77	6
7.9	445	113.56	19800	3.5	YQKAF 77	6
7.2	490	192.18	19700	3.0	YQK 77	4
7.7	460	179.37	19800	3.2	YQKF 77	4
9.0	395	154.02	19900	3.9	YQKA 77	4
					YQKAF 77	4
6.3	560	108.03	12100	1.45	YQK 67	
3.3	535	102.62	12300	1.55	YQKF 67	8
7.6	470	90.04	12600	1.75	YQKA 67	
					YQKAF 67	
7.3	485	123.54	12500	1.70	YQK 67	6
8.3	425	108.03	12700	1.95	YQKF 67	6
8.8	405	102.62	12800	2.0	YQKA 67	6
10	355	90.04	13000	2.3	YQKAF 67	6
9.5	370	144.79	12900	2.2		
11	315	123.54	13000	2.6	YQK 67	4
13	275	108.03	13000	3.0	YQKF 67	4
15	230	90.04	13000	3.6	YQKA 67	4
18	196	76.37	13000	4.2	YQKAF 67	4

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.37kW						
7.3	485	123.85	8490	1.25		
8.3	425	108.29	8770	1.40	YQK 57	6
8.8	405	102.88	8870	1.50	YQKF 57	6
10	355	90.26	9070	1.70	YQKA 57	6
12	300	76.56	9280	2.0	YQKAF57	6
13	270	69.12	9390	2.2		
9.5	370	145.14	9000	1.60		
11	315	123.85	9220	1.90	YQK 57	4
13	275	108.29	9370	2.2	YQKF 57	4
13	265	102.88	9420	2.3	YQKA 57	4
15	230	90.26	9530	2.6	YQKAF57	4
18	196	76.56	9650	3.1		
20	177	69.12	9700	3.4		
8.6	410	104.37	5490	1.00	YQK 47	6
9.9	355	90.86	6480	1.10	YQKF 47	6
11	335	85.12	6730	1.20	YQKA 47	6
12	295	75.20	7100	1.35	YQKAF47	6
10	340	131.87	6690	1.20	YQK 47	4
11	310	121.48	6960	1.30	YQKF 47	4
13	265	104.37	7330	1.50	YQKA 47	4
					YQKAF47	4
15	235	90.86	7580	1.70	YQK 47	4
16	220	85.12	7670	1.85	YQKF 47	4
18	193	75.20	7810	2.1	YQKA 47	4
20	179	69.80	7880	2.2	YQKAF47	4
22	162	63.30	7960	2.5		
14	250	97.81	2520	0.80		
16	215	83.69	5470	0.95		
19	186	72.54	5690	1.10		
20	174	67.80	5630	1.15		
24	150	58.60	5510	1.35		
28	128	49.79	5350	1.55		
31	114	44.46	5230	1.75		
36	97	37.97	5060	2.1		
39	91	35.57	4990	2.2		
46	77	29.96	4800	2.6	YQK 37	4
48	74	28.83	4750	2.7	YQKF 37	4
55	64	24.99	4590	3.1	YQKA 37	4
59	60	23.36	4510	3.3	YQKAF37	4
68	52	20.19	4350	3.6		
80	44	17.15	4160	4.1		
90	39	15.31	4040	4.5		
105	34	13.08	3860	4.9		
114	31	12.14	3780	5.1		
132	27	10.49	3630	5.9		
155	23	8.91	3460	7.0		
176	20	7.96	3350	7.6		
203	17	6.80	3190	8.6		
217	16	6.37	3130	8.9		
257	14	5.36	2970	10		
0.55kW						
0.08	55900	16978	179800	0.90		
0.10	46500	14272	190000	1.10		
0.10	42500	13116	190000	1.20	YQK 187R97	4
0.12	37400	11647	190000	1.35	YQKH 187R97	4
0.19	23900	7343	190000	2.1		
0.12	38400	11573	150000	0.85		
0.13	33800	10264	150000	0.95		
0.16	28100	8628	150000	1.15	YQK 167R97	4
0.21	21400	6562	150000	1.50	YQKH 167R97	4
0.25	17200	5355	150000	1.85		
0.33	13200	4079	150000	2.4		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
0.55kW						
0.20	22400	6881	109700	0.80	YQK 157R97	4
0.23	19300	5931	111500	0.95	YQKF 157R97	4
0.34	13000	3979	114400	1.40	YQKA 157R97	4
0.45	9940	3051	115300	1.80	YQKAF 157R97	4
0.31	14900	4423	76200	0.85	YQK 127R77	4
0.35	13000	3889	79200	1.00	YQKF 127R77	4
0.41	11100	3311	80200	1.20	YQKA 127R77	4
0.45	10000	3009	80700	1.30	YQKAF 127R77	4
0.52	8630	2607	81200	1.50		
0.71	6560	1926	81900	2.0		
0.77	5980	1757	82100	2.2	YQK 127R77	4
0.88	5220	1541	82300	2.5	YQKF 127R77	4
1.0	4570	1342	82400	2.8	YQKA 127R77	4
1.2	3990	1177	82500	3.3	YQKAF 127R77	4
1.3	3490	1025	82600	3.7		
0.46	10100	2977	65000	0.80	YQK 107R77	4
0.52	8770	2599	65000	0.90	YQKF 107R77	4
0.59	7690	2286	65000	1.05	YQKA 107R77	4
0.70	6520	1939	65000	1.25	YQKAF 107R77	4
0.79	5850	1713	65000	1.35		
0.87	5310	1554	65000	1.50		
1.0	4570	1336	65000	1.75	YQK 107R77	4
1.2	3990	1166	65000	2.0	YQKF 107R77	4
1.3	3450	1030	65000	2.3	YQKA 107R77	4
1.5	3000	904	65000	2.7	YQKAF 107R77	4
1.7	2700	793	65000	3.0		
2.0	2360	696	65000	3.4		
2.2	2050	615	65000	3.9		
0.95	4880	1430	40000	0.90		
1.1	4380	1261	40000	1.00		
1.2	3820	1102	40000	1.15		
1.4	3320	957	40000	1.30		
1.6	2960	855	40000	1.45	YQK 97 R57	4
1.8	2520	743	40000	1.70	YQKF 97 R57	4
2.1	2220	652	40000	1.95	YQKA 97 R57	4
2.4	1970	573	40000	2.2	YQKAF 97 R57	4
2.7	1700	504	40000	2.5		
3.1	1470	437	40000	2.9		
3.6	1300	382	40000	3.3		
4.5	1040	305	40000	4.1		
1.4	3260	951	26500	0.85		
1.6	2860	837	27100	0.95		
1.9	2480	726	27600	1.10		
2.1	2190	638	27900	1.25		
2.4	1920	562	28100	1.40		
2.9	1620	474	28400	1.65	YQK 87 R57	4
3.2	1450	426	28500	1.85	YQKF 87 R57	4
3.7	1260	373	28600	2.1	YQKA 87 R57	4
4.1	1110	330	28700	2.4	YQKAF 87 R57	4
4.6	990	294	28800	2.7		
5.4	850	250	28900	3.2		
5.8	800	236	28900	3.4		
6.8	680	201	28900	4.0		
2.5	1900	552	5780	0.80		
2.8	1670	485	14500	0.95		
3.2	1470	428	15900	1.05		
3.7	1270	367	17100	1.20	YQK 77 R37	4
4.2	1130	328	17800	1.35	YQKF 77 R37	4
4.7	1000	290	18300	1.55	YQKA 77 R37	4
5.4	870	252	18800	1.80	YQKAF 77 R37	4
6.2	760	221	19100	2.0		
7.0	670	195	19300	2.3		
7.8	600	175	19500	2.6		
8.8	530	154	19600	2.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
0.55kW						
4.9	960	279	7360	0.85		
5.5	840	246	10100	0.95		
6.2	745	217	10900	1.10	YQK 67 R37	4
7.1	660	191	11500	1.25	YQKF 67 R37	4
8.2	570	166	12100	1.45	YQKA 67 R37	4
9.4	495	144	12400	1.65	YQKAF 67 R37	4
11	420	122	12700	1.95		
7.1	660	192	5180	0.90		
8.2	575	166	7850	1.05	YQK 57 R37	4
9.4	495	145	8430	1.20	YQKF 57 R37	4
11	445	129	8680	1.35	YQKA 57 R37	4
12	380	111	8970	1.60	YQKAF 57 R37	4
14	335	97	9150	1.80		
3.9	1350	174.19	28600	2.0	YQK 87	8
4.1	1270	164.34	28600	2.1	YQKF 87	8
4.6	1140	147.32	28700	2.4	YQKA 87	8
					YQKAF 87	8
4.6	1150	197.37	28700	2.3	YQK 87	6
5.2	1020	174.19	28800	2.7	YQKF 87	6
5.5	960	164.34	28800	2.8	YQKA 87	6
6.1	860	147.32	28900	3.1	YQKAF 87	6
5.0	1040	135.28	18100	1.50	YQK 77	8
5.3	990	128.52	18300	1.55	YQKF 77	8
6.0	880	113.56	18700	1.75	YQKA 77	8
7.0	750	97.05	19100	2.1	YQKAF 77	8
5.8	900	154.02	18700	1.70	YQK 77	6
6.7	790	135.28	19000	1.95	YQKF 77	6
7.0	750	128.52	19100	2.1	YQKA 77	6
7.9	665	113.56	19400	2.3	YQKAF 77	6
8.8	595	154.02	19500	2.6		
10	520	135.28	19700	3.0	YQK 77	4
11	495	128.52	19700	3.1	YQKF 77	4
12	440	113.56	19800	3.5	YQKA 77	4
14	375	97.05	19900	4.1	YQKAF 77	4
7.3	720	123.54	11100	1.15		
8.3	630	108.03	11700	1.30	YQK 67	6
8.8	600	102.62	11900	1.35	YQKF 67	6
10	525	90.04	12300	1.55	YQKA 67	6
12	445	76.37	12600	1.85	YQKAF 67	6
11	475	123.54	12500	1.70	YQK 67	4
13	415	108.03	12800	1.95	YQKF 67	4
15	350	90.04	13000	2.4	YQKA 67	4
18	295	76.37	13000	2.8	YQKAF 67	4
8.3	630	108.29	7360	0.95		
8.8	600	102.88	7630	1.00	YQK 57	6
10	525	90.26	8220	1.15	YQKF 57	6
12	445	76.56	8670	1.35	YQKA 57	6
13	405	69.12	8870	1.50	YQKAF 57	6
15	355	60.81	9070	1.70		
16	335	57.42	9150	1.80		
11	480	123.85	8520	1.25		
13	420	108.29	8800	1.45		
13	395	102.88	8890	1.50	YQK 57	4
15	350	90.26	9100	1.70	YQKF 57	4
18	295	76.56	9300	2.0	YQKA 57	4
20	265	69.12	9410	2.2	YQKAF 57	4
22	235	60.81	9520	2.6		
24	220	57.42	9560	2.7		
13	405	104.37	5880	1.00	YQK 47	4
15	350	90.86	6550	1.15	YQKF 47	4
16	330	85.12	6790	1.20	YQKA 47	4
18	290	75.20	7150	1.40	YQKAF 47	4
19	270	69.84	7310	1.50		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
0.55kW						
21	245	63.30	7500	1.65	YQK 47	4
24	220	56.83	7660	1.80	YQKF 47	4
28	189	48.95	7830	2.1	YQKA 47	4
30	178	46.03	7880	2.2	YQKAF 47	4
23	225	58.60	4850	0.90		
27	192	49.79	4790	1.05		
31	172	44.46	4740	1.15		
36	147	37.97	4640	1.35		
38	137	35.57	4600	1.45		
45	116	29.96	4470	1.75		
47	111	28.83	4440	1.80		
54	97	24.99	4320	2.1		
58	90	23.36	4260	2.2	YQK 37	4
67	78	20.19	4130	2.4	YQKF 37	4
79	66	17.15	3980	2.7	YQKA 37	4
89	59	15.31	3880	3.0	YQKAF 37	4
104	54	13.08	3730	3.3		
112	47	12.14	3660	3.4		
130	41	10.49	3520	4.0		
153	34	8.91	3370	4.7		
171	31	7.96	3270	5.1		
200	26	6.80	3130	5.7		
214	25	6.37	3070	5.9		
254	21	5.36	2920	6.8		
0.75kW						
0.11	58400	13116	175300	0.85		
0.12	51500	11647	187300	0.95		
0.19	32800	7343	190000	1.50	YQK 187 R97	4
1.20	30000	6747	190000	1.65	YQKH 187 R97	4
0.23	26500	5991	190000	1.90		
0.16	38600	8628	150000	0.85		
0.21	29300	6562	150000	1.10		
0.26	23700	5355	150000	1.35	YQK 167 R97	4
0.34	18200	4079	150000	1.75	YQKH 167 R97	4
0.41	15100	3376	150000	2.1		
0.35	17800	3979	112300	1.00	YQK 157 R97	4
0.45	13600	3051	114100	1.30	YQKF 157 R97	4
					YQKA 157 R97	4
					YQKAF 157 R97	4
0.83	7440	1659	115900	2.4	YQK 157 R97	4
1.0	6040	1365	116200	3.0	YQKF 157 R97	4
					YQKA 157 R97	4
					YQKAF 157 R97	4
0.42	15100	3311	75800	0.85	YQK 127 R77	4
0.46	13700	3009	78600	0.95	YQKF 127 R77	4
0.53	11800	2607	79800	1.10	YQKA 127 R77	4
					YQKAF 127 R77	4
0.72	8930	1926	81100	1.45		
0.79	8150	1757	81400	1.60	YQK 127 R77	4
0.90	7120	1541	81700	1.85	YQKF 127 R77	4
1.0	6220	1342	82000	2.1	YQKA 127 R77	4
1.2	5440	1177	82200	2.4	YQKAF 127 R77	4
1.4	4750	1025	82400	2.7		
1.5	4150	899	82500	3.1		
0.81	7960	1713	65000	1.00		
0.89	7230	1554	65000	1.10		
1.0	6210	1336	65000	1.30	YQK 107 R77	4
1.2	5420	1166	65000	1.50	YQKF 107 R77	4
1.3	4710	1030	65000	1.70	YQKA 107 R77	4
1.5	4120	904	65000	1.95	YQKAF 107 R77	4
1.7	3680	793	65000	2.2		
2.0	3210	696	65000	2.5		
2.2	2800	615	65000	2.8		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
0.75kW						
1.2	5180	1102	39700	0.85		
1.4	4490	957	40000	0.95		
1.6	4020	855	40000	1.05		
1.9	3430	743	40000	1.25		
2.1	3020	652	40000	1.40	YQK 97R57	4
2.4	2680	573	40000	1.60	YQKF 97R57	4
2.7	2320	504	40000	1.85	YQKA 97R57	4
3.2	2010	437	40000	2.1	YQKAF 97R57	4
3.6	1770	382	40000	2.4		
4.5	1420	305	40000	3.0		
5.4	1190	258	40000	3.6		
5.9	1080	232	40000	4.0		
6.9	920	199	40000	4.7		
1.9	3370	726	26300	0.80		
2.2	2970	638	26900	0.90		
2.5	2610	562	27400	1.05		
2.9	2200	474	27900	1.25	YQK 87R57	4
3.2	1980	426	28100	1.35	YQKF 87R57	4
3.7	1720	373	28300	1.55	YQKA 87R57	4
4.2	1520	330	28500	1.80	YQKAF 87R57	4
4.7	1350	294	28600	2.0		
5.5	1160	250	28700	2.3		
5.8	1100	236	28700	2.5		
6.9	930	201	28800	2.9		
3.8	1720	367	14000	0.90	YQK 77R37	4
4.2	1540	328	15500	1.00	YQKF 77R37	4
4.8	1360	290	16600	1.15	YQKA 77R37	4
5.5	1180	252	17500	1.30	YQKAF 77R37	4
6.2	1030	221	18200	1.50		
3.9	1830	176.05	40000	2.3	YQK 97	8
4.5	1590	153.21	40000	2.7	YQKF 97	8
4.9	1460	140.28	40000	3.0	YQKA 97	8
					YQKAF 97	8
4.7	1530	147.32	28500	1.75	YQK 87	8
5.4	1320	126.91	28600	2.0	YQKF 87	8
6.0	1200	115.82	28700	2.2	YQKA 87	8
6.7	1070	102.71	28700	2.5	YQKAF 87	8
5.2	1390	174.19	28600	1.95	YQK 87	6
5.5	1310	164.34	28600	2.1	YQKF 87	6
6.1	1170	147.32	28700	2.3	YQKA 87	6
7.1	1010	126.91	28800	2.7	YQKAF 87	6
7.0	1020	197.37	28800	2.6	YQK 87	4
7.9	900	174.19	28800	3.0	YQKF 87	4
8.4	850	164.34	28900	3.2	YQKA 87	4
9.4	765	147.32	28900	3.5	YQKAF 87	4
6.7	1080	135.28	18000	1.45	YQK 77	6
7.0	1020	128.52	18200	1.50	YQKF 77	6
7.9	900	113.56	18700	1.70	YQKA 77	6
9.3	770	97.05	19100	2.0	YQKAF 77	6
10	710	88.97	19200	2.2		
9.0	800	154.02	19000	1.95	YQK 77	4
10	700	135.28	19300	2.2	YQKF 77	4
11	665	128.52	19300	2.3	YQKA 77	4
12	590	113.56	19500	2.6	YQKAF 77	4
14	505	97.05	19700	3.1		
11	640	123.54	11700	1.30	YQK 67	4
13	560	108.03	12100	1.45	YQKF 67	4
15	465	90.04	12600	1.75	YQKA 67	4
					YQKAF 67	4
18	395	76.37	12800	2.1	YQK 67	4
20	362	68.95	13000	2.3	YQKF 67	4
23	315	60.66	13000	2.6	YQKA 67	4
24	295	57.28	13000	2.8	YQKAF 67	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kW						
11	645	123.85	7130	0.95		
13	560	108.29	7940	1.05		
13	535	102.88	8160	1.10		
15	470	90.26	8570	1.30	YQK 57	4
18	395	76.56	8890	1.50	YQKF 57	4
20	360	69.12	9060	1.65	YQKA 57	4
23	315	60.81	9230	1.90	YQKAF 57	4
24	300	57.42	9290	2.0		
28	255	48.89	9450	2.4		
31	230	44.43	9530	2.6		
18	390	75.20	6060	1.00	YQK 47	4
20	365	69.84	6410	1.10	YQKF 47	4
22	330	63.30	6790	1.20	YQKA 47	4
					YQKAF 47	4
24	295	56.83	7110	1.35		
28	255	48.95	7430	1.55	YQK 47	4
30	240	46.03	7540	1.65	YQKF 47	4
35	205	39.61	7740	1.95	YQKA 47	4
39	184	35.39	7760	2.2	YQKAF 47	4
44	162	31.30	7550	2.5		
31	230	44.46	4170	0.85		
36	197	37.97	4150	1.00		
39	185	35.57	4140	1.10		
46	156	29.96	4080	1.30		
48	150	28.83	4060	1.35		
55	130	24.99	3990	1.55		
59	121	23.36	3950	1.60		
68	105	20.19	3860	1.75	YQK 37	4
80	89	17.15	3750	2.0	YQKF 37	4
90	80	15.31	3670	2.2	YQKA 37	4
105	68	13.08	3550	2.4	YQKAF 37	4
114	63	12.14	3500	2.5		
132	54	10.49	3380	2.9		
155	46	8.91	3250	3.5		
173	41	7.96	3160	3.8		
203	35	6.80	3030	4.2		
217	33	6.37	2980	4.4		
257	28	5.36	2840	5.0		
1.1kW						
0.15	60700	9636	171000	0.80		
0.17	52400	8126	185900	0.95		
0.19	48300	7343	190000	1.05		
0.21	44300	6747	190000	1.15	YQKH 87 R97	4
0.23	39200	5991	190000	1.30		
0.26	34900	5358	190000	1.45		
0.29	31200	4817	190000	1.60		
0.32	28300	4370	190000	1.75		
0.26	35000	5355	150000	0.90		
0.29	31200	4788	150000	1.05		
0.34	26800	4079	150000	1.20	YQKH 67 R97	4
0.41	22200	3376	150000	1.45		
0.51	18000	2755	150000	1.80		
0.64	14600	2182	150000	2.2		
0.82	11300	1704	150000	2.8	YQK 167 R97	4
0.99	9330	1408	150000	3.4		
1.1	8560	1296	150000	3.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kW						
0.40	22900	3516	109300	0.80	YQK 157 R97	4
0.46	20100	3051	111100	0.90	YQKF 157 R97	4
0.54	16900	2610	112700	1.05	YQKA 157 R97	4
0.60	15100	2322	113500	1.20	YQKAF 157 R97	4
0.84	11000	1659	115000	1.65		
1.0	8970	1365	115600	2.0	YQK 157 R97	4
1.1	8030	1229	115800	2.2	YQKF 157 R97	4
1.3	7150	1093	116000	2.5	YQKA 157 R97	4
1.5	6160	942	116100	2.9	YQKAF 157 R97	4
1.6	5550	854	116200	3.2		
0.73	13100	1926	79100	1.00		
0.80	11900	1757	79800	1.10		
0.91	10400	1541	80500	1.25		
1.0	9100	1342	81100	1.45		
1.2	7960	1177	81500	1.65	YQK 127 R77	4
1.4	6950	1025	81800	1.85	YQKF 127 R77	4
1.6	6080	899	82000	2.1	YQKA 127 R77	4
1.8	5270	790	82200	2.5	YQKAF 127 R77	4
2.0	4740	704	82400	2.7		
2.3	4090	610	82500	3.2		
2.5	3690	549	82500	3.5		
2.9	3180	477	82600	4.1		
1.2	7920	1166	65000	1.00		
1.4	6920	1030	65000	1.15		
1.5	6050	904	65000	1.30		
1.8	5380	793	65000	1.50	YQK 107 R77	4
2.0	4700	696	65000	1.70	YQKF 107 R77	4
2.3	4120	615	65000	1.95	YQKA 107 R77	4
2.7	3500	522	65000	2.3	YQKAF 107 R77	4
3.0	3080	461	65000	2.6		
3.4	2720	408	65000	2.9		
3.8	2450	364	65000	3.3		
4.4	2140	318	65000	3.7		
1.9	5030	743	39900	0.85		
2.2	4420	652	40000	0.95	YQK 97 R57	4
2.4	3910	573	40000	1.10	YQKF 97 R57	4
2.8	3400	504	40000	1.25	YQKA 97 R57	4
3.2	2940	437	40000	1.45	YQKAF 97 R57	4
3.7	2590	382	40000	1.65		
4.1	2300	342	40000	1.85		
3.0	3220	474	26600	0.85		
3.3	2890	426	27000	0.95		
3.8	2520	373	27500	1.05	YQK 87 R57	4
4.2	2230	330	27800	1.20	YQKF 87 R57	4
4.8	1980	294	28100	1.35	YQKA 87 R57	4
5.6	1700	250	28300	1.60	YQKAF 87 R57	4
5.9	1600	236	28400	1.70		
7.0	1360	201	28600	2.0		
3.9	2720	176.05	40000	1.60	YQK 97	8
4.4	2370	153.21	40000	1.80	YQKF 97	8
4.8	2170	140.28	40000	2.0	YQKA 97	8
5.5	1910	123.93	40000	2.2	YQKAF 97	8
5.2	2010	176.05	40000	2.1	YQK 97	6
6.0	1750	153.21	40000	2.5	YQKF 97	6
6.6	1600	140.28	40000	2.7	YQKA 97	6
7.4	1420	123.93	40000	3.0	YQKAF 97	6
7.9	1320	176.05	40000	3.3	YQK 97	4
9.1	1150	153.21	40000	3.7	YQKF 97	4
10	1050	140.28	40000	4.1	YQKA 97	4
					YQKAF 97	4
5.3	1990	174.19	28100	1.35	YQK 87	6
5.6	1880	164.34	28200	1.45	YQKF 87	6
6.2	1680	147.32	28300	1.60	YQKA 87	6
7.2	1450	126.91	28500	1.85	YQKAF 87	6

YUQIU MACHINERY
Through the ISO9001:2015 international system certification

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kW						
8.0	1310	174.19	28600	2.1	YQK 87	4
8.5	1230	164.34	28700	2.2	YQKF 87	4
9.5	1110	147.32	28700	2.4	YQKA 87	4
11	950	126.91	28800	2.8	YQKAF 87	4
12	870	115.82	28800	3.1		
6.8	1540	135.28	15400	1.00	YQK 77	6
7.2	1470	128.52	15900	1.05	YQKF 77	6
8.1	1300	113.56	17000	1.20	YQKA 77	6
9.5	1110	97.05	17900	1.40	YQKAF 77	6
10	1020	135.28	18300	1.55	YQK 77	4
11	960	128.52	18400	1.60	YQKF 77	4
12	850	113.56	18800	1.80	YQKA 77	4
					YQKAF 77	4
14	730	97.05	19200	2.1	YQK 77	4
16	670	88.97	19300	2.3	YQKF 77	4
18	585	78.07	19500	2.7	YQKA 77	4
19	555	73.99	19600	2.8	YQKAF 77	4
13	810	108.03	10400	1.00	YQK 67	4
14	770	102.62	10700	1.05	YQKF 67	4
16	675	90.04	11400	1.20	YQKA 67	4
18	575	76.37	12000	1.45	YQKAF 67	4
20	515	68.95	12300	1.60		
23	455	60.66	12600	1.80	YQK 67	4
24	430	57.28	12700	1.90	YQKF 67	4
29	365	48.77	12900	2.2	YQKA 67	4
32	335	44.32	13000	2.5	YQKAF 67	4
36	290	38.39	13000	2.8		
16	675	90.26	2410	0.90		
18	575	76.56	7840	1.05		
20	520	69.12	8280	1.15		
23	455	60.81	8630	1.30	YQK 57	4
24	430	57.42	8750	1.40	YQKF 57	4
29	365	48.89	9020	1.65	YQKA 57	4
32	335	44.43	9160	1.80	YQKAF 57	4
36	290	38.49	9330	2.1		
39	270	35.70	9400	2.2		
46	225	30.28	9540	2.6		
51	205	27.34	9510	2.9		
58	181	24.05	9220	3.3		
62	170	22.71	9090	3.5		
72	145	19.34	8720	4.0		
80	132	17.57	8510	4.2		
92	114	15.22	8180	4.7	YQK 57	4
106	99	13.25	7880	5.1	YQKF 57	4
117	90	11.92	7570	4.6	YQKA 57	4
124	85	11.26	7450	4.9	YQKAF 57	4
146	72	9.59	7120	5.6		
161	65	8.71	6930	6.0		
186	57	7.55	6650	6.4		
213	49	6.57	6380	7.0		
25	425	56.83	3310	0.95	YQK 47	4
29	365	48.95	6360	1.10	YQKF 47	4
30	345	46.03	6610	1.15	YQKA 47	4
					YQKAF 47	4
35	295	39.61	7090	1.35		
40	265	35.39	7090	1.50	YQK 47	4
45	235	31.30	6960	1.70	YQKF 47	4
48	220	29.32	6890	1.80	YQKA 47	4
54	194	25.91	6730	2.1	YQKAF 47	4
64	164	21.81	6510	2.4		
72	147	19.58	6360	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kW						
47	225	29.96	3420	0.90		
56	188	24.99	3440	1.05		
60	175	23.36	3440	1.10		
69	152	20.19	3420	1.20		
82	129	17.15	3370	1.40		
91	115	15.31	3330	1.50	YQK 37	4
107	98	13.08	3260	1.70	YQKF 37	4
115	91	12.14	3220	1.75	YQKA 37	4
133	79	10.49	3140	2.0	YQKAF 37	4
157	67	8.91	3040	2.4		
176	60	7.96	2970	2.6		
206	51	6.80	2870	2.9		
220	48	6.37	2830	3.0		
261	40	5.36	2720	3.5		
1.5kW						
0.21	60700	6747	171100	0.80		
0.24	53700	5991	183600	0.95		
0.26	47900	5358	190000	1.05	YQK 187 R97	4
0.29	42900	4817	190000	1.15	YQKH 187 R97	4
0.32	38900	4370	190000	1.30		
0.39	33000	3609	190000	1.50		
0.46	27800	3062	190000	1.80	YQK 187 R97	4
0.56	22800	2519	190000	2.2	YQKH 187 R97	4
0.62	20400	2268	190000	2.5		
0.35	36700	4079	150000	0.85		
0.42	30400	3376	150000	1.05	YQK 167 R97	4
0.51	24700	2755	150000	1.30	YQKH 167 R97	4
0.65	19900	2182	150000	1.60		
0.83	15500	1704	150000	2.1	YQK 167 R97	4
1.0	12800	1408	150000	2.5	YQKH 167 R97	4
1.1	11800	1296	150000	2.7		
0.61	20700	2322	110700	1.85	YQK 157 R97	4
					YQKF 157 R97	4
					YQKA 157 R97	4
					YQKAF 157 R97	4
0.85	15100	1659	113500	1.20		
1.0	12300	1365	114600	1.45		
1.1	11100	1229	115000	1.65	YQK 157 R97	4
1.3	9840	1093	115300	1.85	YQKF 157 R97	4
1.5	8480	942	115700	2.1	YQKA 157 R97	4
1.6	7650	854	115900	2.3	YQKAF 157 R97	4
2.5	5050	567	116300	3.6		
2.8	4490	504	116400	4.0		
2.6	4820	536	82300	2.7	YQK 127 R87	4
3.4	3770	418	82500	3.5	YQKF 127 R87	4
3.8	3330	367	82600	3.9	YQKA 127 R87	4
					YQKAF 127 R87	4
0.80	16200	1757	73400	0.80		
0.91	14200	1541	77500	0.90		
1.0	12400	1342	79500	1.05		
1.2	10900	1177	80300	1.20		
1.4	9470	1025	80900	1.35	YQK 127 R77	4
1.6	8300	899	81400	1.55	YQKF 127 R77	4
1.8	7210	790	81700	1.80	YQKA 127 R77	4
2.0	6480	704	81900	2.0	YQKAF 127 R77	4
2.3	5590	610	82200	2.3		
2.6	5040	549	82300	2.6		
3.0	4360	477	82400	3.0		
3.4	3840	418	82500	3.4		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
1.5kW						
1.4	9460	1030	65000	0.85		
1.6	8280	904	65000	0.95		
1.8	7330	739	65000	1.10	YQK 107R77	4
2.0	6420	696	65000	1.25	YQKF 107R77	4
2.3	5640	615	65000	1.40	YQKA 107R77	4
2.7	4780	522	65000	1.65	YQKAF 107R77	4
3.1	4210	461	65000	1.90		
3.5	3720	408	65000	2.2		
3.9	3350	364	65000	2.4		
4.4	2920	318	65000	2.7		
2.5	5320	573	39500	0.80		
2.8	4650	504	40000	0.95		
3.2	4020	437	40000	1.05	YQK 97 R57	4
3.7	3540	382	40000	1.20	YQKF 97 R57	4
4.1	3140	342	40000	1.35	YQKA 97 R57	4
4.6	2820	305	40000	1.50	YQKAF 97 R57	4
5.5	2380	258	40000	1.80		
6.1	2140	232	40000	2.0		
7.1	1840	199	40000	2.3		
4.3	3040	330	26800	0.90		
4.8	2700	294	27300	1.00	YQK 87 R57	4
5.6	2310	250	27700	1.15	YQKF 87 R57	4
6.0	2180	236	27900	1.25	YQKA 87 R57	4
7.0	1860	201	28200	1.45	YQKAF 87 R57	4
7.7	1690	183	28300	1.60		
4.9	2940	143.47	65000	2.7	YQK 107	8
5.8	2490	121.46	65000	3.2	YQKF 107	8
6.2	2300	112.41	65000	3.5	YQKA 107	8
					YQKAF 107	8
4.6	3140	153.21	40000	1.35	YQK 97	8
5.0	2870	140.28	40000	1.50	YQKF 97	8
5.7	2540	123.93	40000	1.70	YQKA 97	8
					YQKAF 97	8
5.2	2740	176.05	40000	1.55	YQK 97	6
6.0	2390	153.21	40000	1.80	YQKF 97	6
6.6	2180	140.28	40000	1.95	YQKA 97	6
7.4	1930	123.93	40000	2.2	YQKAF 97	6
8.0	1790	176.05	40000	2.4	YQK 97	4
9.2	1560	153.21	40000	2.8	YQKF 97	4
10	1430	140.28	40000	3.0	YQKA 97	4
11	1260	123.93	40000	3.4	YQKAF 97	4
6.2	2290	147.32	27800	1.20	YQK 87	6
7.2	1980	126.91	28100	1.35	YQKF 87	6
7.9	1800	115.82	28200	1.50	YQKA 87	6
9.0	1600	102.71	28400	1.70	YQKAF 87	6
8.1	1770	174.19	28300	1.55		
8.6	1670	164.34	28300	1.60	YQK 87	4
9.6	1500	147.32	28500	1.80	YQKF 87	4
11	1290	126.91	28600	2.1	YQKA 87	4
12	1180	115.82	28700	2.3	YQKAF 87	4
14	1040	102.71	28800	2.6		
16	880	86.34	28800	3.1		
8.1	1770	113.56	13600	0.90	YQK 77	6
9.5	1510	97.05	15700	1.05	YQKF 77	6
10	1390	88.97	16400	1.10	YQKA 77	6
12	1220	78.07	17400	1.30	YQKAF 77	6
10	1370	135.28	16500	1.15	YQK 77	4
11	1310	128.52	16900	1.20	YQKF 77	4
12	1150	113.56	17700	1.35	YQKA 77	4
15	990	97.05	18400	1.55	YQKAF 77	4
16	900	88.97	18700	1.70		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
1.5kW						
18	795	78.07	19000	1.95		
19	750	73.99	19100	2.1	YQK 77	4
22	660	64.75	19400	2.4	YQKF 77	4
24	595	58.34	19500	2.6	YQKA 77	4
28	520	51.18	19700	3.0	YQKAF 77	4
31	460	45.16	19800	3.4		
35	405	40.04	19800	3.8		
16	910	90.04	9370	0.90	YQK 67	4
18	775	76.37	10700	1.05	YQKF 67	4
20	700	68.95	11300	1.15	YQKA 67	4
23	615	60.66	11800	1.35	YQKAF 67	4
25	580	57.28	12000	1.40		
29	495	48.77	12400	1.65		
32	450	44.32	12600	1.80	YQK 67	4
37	390	38.39	12800	2.0	YQKF 67	4
40	360	35.62	12900	2.3	YQKA 67	4
47	305	30.22	13000	2.7	YQKAF 67	4
52	275	27.28	13000	3.0		
59	245	24.00	13000	3.3		
23	620	60.81	7480	0.95	YQK 57	4
25	685	57.42	7770	1.05	YQKF 57	4
29	495	48.89	8430	1.20	YQKA 57	4
32	450	44.43	8650	1.35	YQKAF 57	4
37	390	38.49	8920	1.55		
39	365	35.70	9040	1.65	YQK 57	4
47	310	30.28	9190	1.95	YQKF 57	4
52	280	27.34	9010	2.2	YQKA 57	4
59	245	24.05	8780	2.5	YQKAF 57	4
62	230	22.71	8670	2.6		
73	196	19.34	8360	2.9		
36	400	39.61	5890	1.00	YQK 47	4
40	360	35.39	6360	1.10	YQKF 47	4
45	320	31.30	6310	1.25	YQKA 47	4
					YQKAF 47	4
48	300	29.32	6270	1.35		
54	265	25.91	6190	1.50		
65	220	21.81	6050	1.80	YQK 47	4
72	199	19.58	5950	2.0	YQKF 47	4
84	171	16.86	5800	2.2	YQKA 47	4
89	161	15.86	5730	2.4	YQKAF 47	4
103	139	13.65	5560	2.6		
116	124	12.19	5430	2.8		
120	120	11.17	5340	2.3		
60	235	23.36	2860	0.80		
70	205	20.19	2920	0.90		
82	174	17.15	2940	1.05		
92	156	15.31	2950	1.10	YQK 37	4
108	133	13.08	2930	1.25	YQKF 37	4
116	123	12.14	2920	1.30	YQKA 37	4
134	107	10.49	2880	1.50	YQKAF 37	4
158	91	8.91	2820	1.75		
177	81	7.96	2770	1.90		
207	69	6.80	2700	2.2		
221	65	6.37	2670	2.2		
263	55	5.36	2580	2.6		
2.2kW						
0.32	57900	4370	176200	0.85	YQK 187 R97	4
0.50	37000	2818	190000	1.35	YQKH 187 R97	4
0.39	48800	3609	190000	1.00		
0.46	41300	3062	190000	1.20	YQK 187 R97	4
0.56	33800	2519	190000	1.50	YQKH 187 R97	4
0.62	30400	2268	190000	1.65		
0.69	27400	2054	190000	1.80		
0.77	24200	1821	190000	2.1		
0.88	21400	1605	190000	2.3		
0.51	36600	2755	150000	0.85	YQK 167 R97	4
0.62	29800	2263	150000	1.05	YQKH 167 R97	4

YUQIU MACHINERY
Through the ISO9001:2015 international system certification

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
2.2kW						
0.65	29500	2182	150000	1.10		
0.83	22900	1704	150000	1.40		
1.0	19000	1408	150000	1.70	YQK 167 R97	4
1.1	17400	1296	150000	1.85	YQKH 167 R97	4
1.3	14700	1101	150000	2.2		
1.5	12600	944	150000	2.5		
0.85	22400	1659	109700	0.80		
1.0	18300	1365	112000	1.00	YQK 157R97	4
1.1	16500	1229	112900	1.10	YQKF 157R97	4
1.3	14600	1093	113700	1.25	YQKA 157R97	4
1.5	12600	942	114500	1.45	YQKAF 157R97	4
1.6	11400	854	114900	1.60		
1.9	9990	756	115300	1.80		
2.6	7180	536	81700	1.80	YQK 127R87	4
3.0	6310	473	82000	2.1	YQKF 127R87	4
3.4	5600	418	82200	2.3	YQKA 127R87	4
3.8	4950	367	82300	2.6	YQKAF 127R87	4
4.3	4440	330	82400	2.9		
1.4	14000	1025	78000	0.95		
1.6	12200	899	79600	1.05		
1.8	10700	790	80400	1.20	YQK 127R77	4
2.0	9580	704	80900	1.35	YQKF 127R77	4
2.3	8280	610	81400	1.55	YQKA 127R77	4
2.6	7460	549	81600	1.75	YQKAF 127R77	4
3.0	6460	477	81900	2.0		
3.4	5680	418	82100	2.3		
2.3	8340	615	65000	0.95		
2.7	7070	522	65000	1.15		
3.1	6230	461	65000	1.30	YQK 107R77	4
3.5	5520	408	65000	1.45	YQKF 107R77	4
3.9	4940	364	65000	1.60	YQKA 107R77	4
4.4	4320	318	65000	1.85	YQKAF 107R77	4
4.9	3890	286	65000	2.1		
5.6	3410	251	65000	2.3		
3.7	5210	382	39700	0.80		
4.1	4640	342	40000	0.95	YQK 97 R57	4
4.6	4170	305	40000	1.05	YQKF 97 R57	4
5.5	3510	258	40000	1.20	YQKA 97 R57	4
6.1	3160	232	40000	1.35	YQKAF 97 R57	4
7.1	2710	199	40000	1.60		
4.9	4310	143.47	65000	1.85	YQK 107	8
5.8	3650	121.46	65000	2.2	YQKF 107	8
6.2	3370	112.41	65000	2.4	YQKA 107	8
6.9	3020	100.75	65000	2.7	YQKAF 107	8
6.1	3420	153.21	40000	1.25	YQK 97	6
6.7	3140	140.28	40000	1.35	YQKF 97	6
7.6	2770	123.93	40000	1.55	YQKA 97	6
8.9	2350	105.13	40000	1.85	YQKAF 97	6
8.0	2620	176.05	40000	1.65	YQK 97	4
9.2	2280	153.21	40000	1.90	YQKF 97	4
10	2090	140.28	40000	2.1	YQKA 97	4
11	1850	123.93	40000	2.3	YQKAF 97	4
					YQK 97	4
13	1570	105.13	40000	2.8	YQKF 97	4
15	1440	96.80	40000	3.0	YQKA 97	4
					YQKAF 97	4
9.6	2200	147.32	27900	1.25	YQK 87	4
11	1890	126.91	28200	1.45	YQKF 87	4
12	1730	115.82	28300	1.55	YQKA 87	4
					YQKAF 87	4
14	1530	102.71	28500	1.75	YQK 87	4
16	1290	86.34	28600	2.1	YQKF 87	4
18	1180	79.34	28700	2.3	YQKA 87	4
20	1050	70.46	28800	2.6	YQKAF 87	4
22	940	63.00	28800	2.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
2.2kW						
12	1690	113.56	14300	0.90		
15	1450	97.05	16100	1.05	YQK 77	4
16	1330	88.97	16800	1.15	YQKF 77	4
18	1160	78.07	17600	1.35	YQKA 77	4
19	1100	73.99	17900	1.40	YQKAF 77	4
22	960	64.75	18400	1.60		
24	870	58.34	18800	1.80		
28	765	51.18	19100	2.0		
31	675	45.16	19300	2.3	YQK 77	4
35	595	40.04	19500	2.6	YQKF 77	4
40	525	35.20	19700	3.0	YQKA 77	4
46	460	30.89	19800	3.4	YQKAF 77	4
48	435	29.27	19800	3.6		
55	380	25.62	19900	4.1		
23	900	60.66	9490	0.90		
25	850	57.28	10000	0.95	YQK 67	4
29	725	48.77	11100	1.15	YQKF 67	4
32	660	44.32	11500	1.25	YQKA 67	4
37	570	38.39	12100	1.40	YQKAF 67	4
40	530	35.62	12300	1.55		
47	450	30.22	12600	1.80		
52	405	27.28	12800	2.0		
59	360	24.00	13000	2.2		
62	340	22.66	13000	2.3		
73	285	19.30	13000	2.6		
80	260	17.54	13000	2.8	YQK 67	4
93	225	15.19	13000	3.1	YQKF 67	4
107	197	13.22	13000	3.4	YQKA 67	4
113	186	12.48	13000	2.8	YQKAF 67	4
133	158	10.63	13000	3.2		
146	144	9.66	13000	3.3		
169	125	8.37	13000	3.5		
194	109	7.28	12700	3.9		
32	660	44.43	5100	0.90	YQK 57	4
37	575	38.49	7850	1.05	YQKF 57	4
39	530	35.70	8080	1.15	YQKA 57	4
47	450	30.28	8250	1.35	YQKAF 57	4
52	405	27.34	8160	1.45		
59	360	24.05	8030	1.65		
62	340	22.71	7970	1.75	YQK 57	4
73	290	19.34	7760	2.0	YQKF 57	4
80	260	17.57	7630	2.1	YQKA 57	4
93	225	15.22	7430	2.4	YQKAF 57	4
106	197	13.25	7220	2.6		
118	178	11.92	6890	2.3		
125	168	11.26	6810	2.5		
54	385	25.91	5260	1.05	YQK 47	4
65	325	21.81	5260	1.25	YQKF 47	4
72	290	19.58	5240	1.35	YQKA 47	4
					YQKAF 47	4
84	250	16.86	5190	1.50		
89	235	15.86	5160	1.60	YQK 47	4
103	205	13.65	5070	1.75	YQKF 47	4
116	182	12.19	4990	1.95	YQKA 47	4
120	175	11.77	4890	1.60	YQKAF 47	4
133	157	10.56	4810	1.80		
155	136	9.10	4690	2.1		
108	195	13.08	2370	0.85		
134	156	10.49	2430	1.00	YQK 37	4
158	133	8.91	2440	1.20	YQKF 37	4
177	119	7.96	2430	1.30	YQKA 37	4
207	101	6.80	2410	1.50	YQKAF 37	4
221	95	6.37	2400	1.55		
263	80	5.36	2350	1.75		
3.0kW					YQK 187 R97	4
0.50	51300	2818	187700	0.95	YQKH 187 R97	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
3.0kW						
0.46	57100	3062	177600	0.90		
0.56	46800	2519	190000	1.05		
0.62	42100	2268	190000	1.20		
0.68	38000	2054	190000	1.30	YQK 187 R97	4
0.77	33600	1821	190000	1.50	YQKH 187 R97	4
0.87	29700	1605	190000	1.70		
1.0	25600	1395	190000	1.95		
1.2	22100	1196	190000	2.3		
0.82	31700	1704	150000	1.00		
0.99	26200	1408	150000	1.20		
1.1	24100	1296	150000	1.35		
1.3	20300	1101	150000	1.55	YQK 167 R97	4
1.5	17500	944	150000	1.85	YQKH 167 R97	4
1.7	15500	843	150000	2.1		
1.9	14000	757	150000	2.3		
1.1	22800	1229	109400	0.80		
1.3	20300	1093	111000	0.90	YQK 157 R97	4
1.5	17500	942	112400	1.05	YQKF 157 R97	4
1.6	15800	854	113200	1.15	YQKA 157 R97	4
1.9	13900	756	114000	1.30	YQKAF 157 R97	4
2.5	10500	567	115200	1.70		
2.8	9310	504	115500	1.95		
2.6	9940	536	80700	1.30		
3.0	8750	473	81200	1.50	YQK 127 R87	4
3.3	7760	418	81500	1.70	YQKF 127 R87	4
3.8	6840	367	81800	1.90	YQKA 127 R87	4
4.2	6140	330	82000	2.1	YQKAF 127 R87	4
4.9	5300	287	82200	2.5		
1.8	14800	790	76500	0.90		
2.0	13200	704	79100	1.00	YQK 127 R77	4
2.3	11400	610	80000	1.15	YQKF 127 R77	4
2.5	10300	549	80600	1.25	YQKA 127 R77	4
2.9	8920	477	81100	1.45	YQKAF 127 R77	4
3.3	7840	418	81500	1.65		
3.0	8610	461	65000	0.95		
3.4	7620	408	65000	1.05		
3.8	6820	364	65000	1.15		
4.4	5960	318	65000	1.35	YQK 107 R77	4
4.9	5370	286	65000	1.50	YQKF 107 R77	4
5.6	4700	251	65000	1.70	YQKA 107 R77	4
6.3	4150	222	65000	1.95	YQKAF 107 R77	4
7.1	3670	196	65000	2.2		
8.1	3250	174	65000	2.2		
9.1	2880	154	65000	2.5		
10	2610	140	65000	2.8		
5.4	4840	258	40000	0.90	YQK 97 R57	4
6.0	4360	232	40000	1.00	YQKF 97 R57	4
7.0	3740	199	40000	1.15	YQKA 97 R57	4
					YQKAF 97 R57	4
5.0	5710	143.47	65000	1.40	YQK 107	8
5.9	4830	121.46	65000	1.65	YQKF 107	8
6.4	4470	112.41	65000	1.80	YQKA 107	8
7.2	4010	100.75	65000	2.0	YQKAF 107	8
7.9	3620	90.96	65000	2.2		
6.6	4370	143.47	65000	1.85	YQK 107	6
7.7	3700	121.46	65000	2.2	YQKF 107	6
8.4	3430	112.41	65000	2.3	YQKA 107	6
9.3	3070	100.75	65000	2.6	YQKAF 107	6
					YQK 107	4
9.8	2940	143.47	65000	2.7	YQKF 107	4
12	2490	121.46	65000	3.2	YQKA 107	4
					YQKAF 107	4
7.6	3780	123.93	40000	1.15	YQK 97	6
8.9	3200	105.13	40000	1.35	YQKF 97	6
9.7	2950	96.80	40000	1.45	YQKA 97	6
11	2640	86.52	40000	1.65	YQKAF 97	6

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
3.0kW						
7.9	3600	176.05	40000	1.20	YQK 97	4
9.1	3140	153.21	40000	1.35	YQKF 97	4
10	2870	140.28	40000	1.50	YQKA 97	4
11	2540	123.93	40000	1.70	YQKAF 97	4
13	2150	105.13	40000	2.0		
14	1980	96.80	40000	2.2	YQK 97	4
16	1770	86.52	40000	2.4	YQKF 97	4
18	1590	77.89	40000	2.7	YQKA 97	4
20	1440	70.54	40000	3.0	YQKAF 97	4
22	1280	62.55	40000	3.4		
25	1160	56.55	40000	3.7		
9.5	3010	147.32	26900	0.90	YQK 87	4
11	2600	126.91	27400	1.05	YQKF 87	4
12	2370	115.82	27700	1.15	YQKA 87	4
14	2100	102.71	28000	1.30	YQKAF 87	4
16	1770	86.34	28300	1.55		
18	1620	79.34	28400	1.65		
20	1440	70.46	28500	1.85	YQK 87	4
22	1290	63.00	28600	2.1	YQKF 87	4
25	1160	56.64	28700	2.3	YQKA 87	4
28	1010	49.16	28800	2.7	YQKAF 87	4
32	900	44.02	28800	2.9		
38	745	36.52	28400	3.3		
16	1820	88.97	13100	0.85		
18	1600	78.07	15000	0.95	YQK 77	4
19	1510	73.99	15600	1.00	YQKF 77	4
22	1330	64.75	16800	1.15	YQKA 77	4
24	1190	58.34	17500	1.30	YQKAF 77	4
27	1050	51.18	18100	1.50		
31	920	45.16	18600	1.70	YQK 77	4
35	820	40.04	18900	1.90	YQKF 77	4
40	720	35.20	19200	2.2	YQKA 77	4
45	630	30.89	19400	2.5	YQKAF 77	4
32	910	44.32	9450	0.90		
36	785	38.39	10600	1.00	YQK 67	4
39	730	35.62	11100	1.15	YQKF 67	4
46	620	30.22	11800	1.35	YQKA 67	4
51	560	27.28	12100	1.45	YQKAF 67	4
58	490	24.00	12500	1.65		
62	465	22.66	12600	1.70		
73	395	19.30	12800	1.95		
80	360	17.54	13000	2.1	YQK 67	4
92	310	15.19	13000	2.2	YQKF 67	4
106	270	13.22	13000	2.5	YQKA 67	4
112	255	12.48	13000	2.1	YQKAF 67	4
132	220	10.63	13000	2.3		
145	198	9.66	13000	2.4		
46	620	30.28	7180	0.95	YQK 57	4
51	560	27.34	7190	1.05	YQKF 57	4
58	490	24.05	7180	1.20	YQKA 57	4
					YQKAF 57	4
62	465	22.71	7160	1.30		
72	395	19.34	7080	1.45		
80	360	17.57	7020	1.55		
92	310	15.22	6890	1.70	YQK 57	4
106	270	13.25	6750	1.90	YQKF 57	4
117	245	19.92	6420	1.70	YQKA 57	4
124	230	11.26	6370	1.80	YQKAF 57	4
146	196	9.59	6200	2.1		
161	178	8.71	6090	2.2		
189	154	7.55	5920	2.4		
213	134	6.57	5750	2.6		
72	400	19.58	4430	1.00	YQK 47	4
83	345	16.86	4490	1.10	YQKF 47	4
88	325	15.86	4500	1.15	YQKA 47	4
					YQKAF 47	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
3.0kW						
103	280	13.65	4510	1.30		
115	250	12.19	4490	1.40		
119	240	11.77	4370	1.15	YQK 47	4
133	215	10.56	4350	1.30	YQKF 47	4
154	186	9.10	4290	1.50	YQKA 47	4
164	175	8.56	4270	1.55	YQKAF 47	4
190	151	7.36	4190	1.65		
213	135	6.58	4120	1.80		
241	119	5.81	4030	1.95		
157	182	8.91	2000	0.90	YQK 37	4
176	163	7.96	2040	0.95	YQKF 37	4
206	139	6.80	2080	1.10	YQKA 37	4
220	130	6.37	2080	1.10	YQKAF 37	4
261	110	5.36	2090	1.30		
4.0kW						
1..7	20300	835	190000	2.5	YQK 187 R107	4
2.7	12600	520	190000	4.0	YQKH 187 R107	4
0.56	61900	2519	168800	0.80		
0.63	55600	2268	180200	0.90		
0.69	50300	2054	189400	1.00		
0.78	44500	1821	190000	1.10		
0.88	39300	1605	190000	1.25	YQK 187 R97	4
1.0	34000	1395	190000	1.45	YQKH 187 R97	4
1.2	29200	1196	190000	1.70		
1.4	25600	1046	190000	1.95		
1.5	23100	945	190000	2.2		
1.0	34600	1408	150000	0.90		
1.1	31900	1296	150000	1.00		
1.3	26900	1101	150000	1.20		
1.5	23100	944	150000	1.40	YQK 167 R97	4
1.7	20500	843	150000	1.55	YQKH 167 R97	4
1.9	18500	757	150000	1.75		
2.2	15400	632	150000	2.1		
1.7	20900	854	110600	0.85		
1.9	18400	756	112000	1.00	YQK 157 R97	4
2.5	13800	567	114000	1.30	YQKF 157 R97	4
2.8	12300	504	114600	1.45	YQKA 157 R97	4
3.3	10600	434	115100	1.70	YQKAF 157 R97	4
2.7	13100	536	79100	1.00		
3.0	11600	473	79900	1.10	YQK 127 R87	4
3.4	10300	418	80600	1.25	YQKF 127 R87	4
3.9	9040	367	81100	1.45	YQKA 127 R87	4
4.3	8120	330	81400	1.60	YQKAF 127 R87	4
5.0	7010	287	81800	1.85		
5.6	6200	253	82000	2.1		
2.3	15100	610	75800	0.85	YQK 127 R77	4
2.6	13600	549	78800	0.95	YQKF 127 R77	4
3.0	11800	477	79800	1.10	YQKA 127 R77	4
3.4	10300	418	80500	1.25	YQKAF 127 R77	4
3.9	8990	364	650000	0.90		
4.5	7860	318	650000	1.00		
5.0	7080	286	650000	1.15	YQK 107 R77	4
5.7	6200	251	650000	1.30	YQKF 107 R77	4
6.4	5470	222	650000	1.45	YQKA 107 R77	4
7.2	4840	196	650000	1.65	YQKAF 107 R77	4
8.2	4290	174	650000	1.70		
9.2	3800	154	650000	1.90		
10	3440	140	650000	2.1		
7.1	4930	199	40000	0.85	YQK 97 R57	4
					YQKF 97 R57	4
					YQKA 97 R57	4
					YQKAF 97 R57	4
5.3	7220	132.14	81700	1.80	YQK 127	8
5.9	6500	122.48	81900	2.0	YQKF 127	8
6.5	5850	110.18	82100	2.2	YQKA 127	8
					YQKAF 127	8

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
4.0kW						
6.6	5810	146.07	82100	2.2	YQK 127	6
7.1	5420	136.14	82200	2.4	YQKF 127	6
7.8	4870	122.48	82300	2.7	YQKA 127	6
8.7	4380	110.18	82400	3.0	YQKAF 127	6
6.4	5960	112.41	65000	1.35	YQK 107	8
7.2	5340	100.75	65000	1.50	YQKF 107	8
7.9	4830	90.96	65000	1.65	YQKA 107	8
8.7	4380	82.61	65000	1.85	YQKAF 107	8
6.7	5710	143.47	65000	1.40	YQK 107	6
7.9	4830	121.46	65000	1.65	YQKF 107	6
8.5	4470	112.41	65000	1.80	YQKA 107	6
9.5	4010	100.75	65000	2.0	YQKAF 107	6
11	3620	90.96	65000	2.2		
9.9	3860	143.47	65000	2.1		
12	3270	121.46	65000	2.5	YQK 107	4
13	3020	112.41	65000	2.7	YQKF 107	4
14	2710	100.75	65000	3.0	YQKA 107	4
16	2450	90.96	65000	3.3	YQKAF 107	4
17	2220	82.61	65000	3.6		
19	1970	73.30	65000	4.1		
9.3	4120	153.21	40000	1.05	YQK 97	4
10	3770	140.28	40000	1.15	YQKF 97	4
11	3330	123.93	40000	1.30	YQKA 97	4
					YQKAF 97	4
14	2830	105.13	40000	1.50	YQK 97	4
15	2600	96.80	40000	1.65	YQKF 97	4
16	2330	86.52	40000	1.85	YQKA 97	4
18	2100	77.89	40000	2.0	YQKAF 97	4
20	1900	70.54	40000	2.3		
12	3120	115.82	26700	0.85	YQK 87	4
14	2760	102.71	27200	1.00	YQKF 87	4
16	2320	86.34	27700	1.15	YQKA 87	4
18	2130	79.34	27900	1.25	YQKAF 87	4
20	1900	70.46	28200	1.40		
23	1690	63.00	28300	1.60	YQK 87	4
25	1520	56.64	28500	1.75	YQKF 87	4
29	1320	49.16	28600	2.0	YQKA 87	4
32	1180	44.02	28300	2.2	YQKAF 87	4
39	980	36.52	27300	2.5		
22	1740	64.75	13900	0.90		
24	1570	58.34	15200	1.00	YQK 77	4
28	1380	51.18	16500	1.15	YQKF 77	4
31	1210	45.16	17400	1.30	YQKA 77	4
35	1080	40.04	18000	1.45	YQKAF 77	4
37	1030	38.39	18200	1.45		
40	950	35.20	18500	1.65		
46	830	30.89	18900	1.85	YQK 77	4
49	785	29.27	19000	1.95	YQKF 77	4
55	690	25.62	19300	2.2	YQKA 77	4
62	620	23.08	19500	2.5	YQKAF 77	4
70	545	20.25	19600	2.8		
47	810	30.22	10400	1.00	YQK 67	4
52	735	27.28	11000	1.10	YQKF 67	4
59	645	24.00	11600	1.25	YQKA 67	4
63	610	22.66	11800	1.30	YQKAF 67	4
74	520	19.30	12300	1.45		
81	470	17.54	12500	1.55		
94	410	15.19	12800	1.70	YQK 67	4
107	355	13.22	13000	1.90	YQKF 67	4
114	335	12.48	13000	1.60	YQKA 67	4
134	285	10.63	13000	1.75	YQKAF 67	4
147	260	9.66	12900	1.85		
170	225	8.37	12500	1.95		
195	196	7.28	12100	2.1		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
4.0kW						
59	645	24.05	6120	0.95		
63	610	22.71	6160	1.00		
73	520	19.34	6220	1.10		
81	475	17.57	6230	1.15		
93	410	15.22	6210	1.30		
107	355	13.25	6150	1.45	YQK 57	4
119	320	11.92	5810	1.30	YQKF 57	4
126	305	11.26	5790	1.35	YQKA 57	4
148	260	9.59	5700	1.55	YQKAF 57	4
163	235	8.71	5640	1.65		
188	205	7.55	5530	1.80		
216	177	6.57	5400	1.95		
5.5kW						
0.79	61100	1821	170200	0.80		
0.89	53900	1605	183200	0.95		
1.0	46700	1395	190000	1.05		
1.2	40100	1196	190000	1.25	YQK 187R97	4
1.4	35100	1046	190000	1.45	YQKH 187R97	4
1.5	31700	945	190000	1.60		
1.9	24800	738	190000	2.0		
2.3	20800	621	190000	2.4		
1.3	36900	1101	150000	0.85		
1.5	31700	944	150000	1.00		
1.7	28200	843	150000	1.15		
1.9	25400	757	150000	1.25	YQK 167R97	4
2.3	21200	632	150000	1.50	YQKH 167R97	4
2.5	18700	561	150000	1.70		
3.0	16100	481	150000	2.0		
3.4	14100	423	150000	2.3		
2.2	22100	661	109900	0.80		
2.5	19000	567	111700	0.95	YQK 157R97	4
2.8	16900	504	112700	1.05	YQKF 157R97	4
3.3	14500	434	113800	1.25	YQKA 157R97	4
3.8	12700	379	114500	1.40	YQKAF 157R97	4
4.3	11100	333	115000	1.60		
3.4	14100	418	77800	0.90		
3.9	12400	367	79500	1.05		
4.3	11100	330	80200	1.15	YQK 127R87	4
5.0	9620	287	80800	1.35	YQKF 127R87	4
5.6	8510	253	81300	1.55	YQKA 127R87	4
6.7	7150	213	81700	1.80	YQKAF 127R87	4
7.1	6740	200	81900	1.80		
8.6	5580	166	82200	2.2		
9.8	4920	147	82300	2.4		
6.4	7490	222	65000	1.05		
7.3	6640	196	65000	1.20	YQK 107R77	4
8.2	5870	174	65000	1.25	YQKF 107R77	4
9.3	5200	154	65000	1.40	YQKA 107R77	4
10	4720	140	65000	1.55	YQKAF 107R77	4
4.7	11100	150.41	115000	1.60	YQK 157	8
5.8	9050	122.39	115500	2.0	YQKF 157	8
7.1	7410	100.22	115900	2.4	YQKA 157	8
7.8	6780	91.65	116000	2.7	YQKAF 157	8
5.2	10100	136.14	80700	1.30	YQK 127	8
5.8	9060	122.48	81100	1.45	YQKF 127	8
6.4	8150	110.18	81400	1.60	YQKA 127	8
7.9	6650	89.89	81900	1.95	YQKAF 127	8
7.1	7450	136.14	81600	1.75	YQK 127	6
7.8	6700	122.48	81900	1.95	YQKF 127	6
8.7	6030	110.18	82100	2.2	YQKA 127	6
11	4920	89.89	82300	2.6	YQKAF 127	6
8.5	6150	112.41	65000	1.30	YQK 107	6
9.5	5510	100.75	65000	1.45	YQKF 107	6
11	4980	90.96	65000	1.60	YQKA 107	6
12	4520	82.61	65000	1.75	YQKAF 107	6

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
5.5kW						
10	5270	143.47	65000	1.50		
12	4460	121.46	65000	1.80	YQK 107	4
13	4130	112.41	65000	1.95	YQKF 107	4
14	3700	100.75	65000	2.2	YQKA 107	4
16	3340	90.96	65000	2.4	YQKAF 107	4
17	3030	82.61	65000	2.6		
12	4550	123.93	40000	0.95	YQK 97	4
14	3860	105.13	40000	1.10	YQKF 97	4
15	3560	96.80	40000	1.20	YQKA 97	4
17	3180	86.52	40000	1.35	YQKAF 97	4
18	2860	77.89	40000	1.50	YQK 97	4
20	2590	70.54	40000	1.65	YQKF 97	4
23	2300	62.55	40000	1.85	YQKA 97	4
25	2080	56.55	39700	2.1	YQKAF 97	4
30	1760	47.93	38600	2.4		
17	3170	86.34	26600	0.85	YQK 87	4
18	2910	79.34	27000	0.95	YQKF 87	4
20	2590	70.46	27400	1.05	YQKA 87	4
23	2310	63.00	27500	1.15	YQKAF 87	4
25	2080	56.64	27300	1.30		
29	1810	49.16	26900	1.50	YQK 87	4
32	1620	44.02	26500	1.60	YQKF 87	4
39	1340	36.52	25800	1.85	YQKA 87	4
46	1150	31.39	25200	2.3	YQKAF 87	4
51	1020	27.88	24700	2.5		
32	1660	45.16	14600	0.95	YQK 77	4
36	1470	40.04	15900	1.05	YQKF 77	4
46	1130	30.89	17800	1.35	YQKA 77	4
49	1070	29.27	18000	1.45	YQKAF 77	4
56	940	25.62	18500	1.65		
62	850	23.08	18800	1.85		
71	745	20.25	19100	2.0	YQK 77	4
80	655	17.87	19400	2.2	YQKF 77	4
90	580	15.84	19200	2.4	YQKA 77	4
106	495	13.52	18600	2.7	YQKAF 77	4
116	455	12.36	17900	2.2		
132	400	10.86	17400	2.5		
60	880	24.00	9720	0.90		
63	830	22.66	10200	0.95	YQK 67	4
74	710	19.30	11200	1.05	YQKF 67	4
82	645	17.54	11600	1.15	YQKA 67	4
94	560	15.19	12100	1.25	YQKAF 67	4
108	485	13.22	12500	1.40		
115	460	12.48	12600	1.15	YQK 67	4
135	390	10.63	12400	1.30	YQKF 67	4
148	355	9.66	12200	1.35	YQKA 67	4
171	305	8.37	11900	1.45	YQKAF 67	4
196	265	7.28	11600	1.55		
81	645	17.57	5080	0.85		
94	560	15.22	5210	0.95		
108	485	13.25	5280	1.05	YQK 57	4
120	440	11.92	4920	0.95	YQKF 57	4
127	415	11.26	4950	1.00	YQKA 57	4
149	350	9.59	4990	1.15	YQKAF 57	4
164	320	8.71	4990	1.20		
190	275	7.55	4960	1.30		
218	240	6.57	4910	1.45		
7.5kW						
1.7	38200	835	190000	1.30		
2.0	33300	729	190000	1.50	YQK 187R107	4
2.3	28400	622	190000	1.75	YQKH 187R107	4

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
7.5kW						
1.2	55000	1196	181400	0.90		
1.4	48000	1046	190000	1.05		
1.5	43400	945	190000	1.15	YQK 187R97	4
1.9	33900	738	190000	1.45	YQKH 187R97	4
2.3	28500	621	190000	1.75		
2.7	24100	527	190000	2.1		
1.7	38700	843	150000	0.85		
1.9	34700	757	150000	0.90		
2.3	29000	632	150000	1.10		
2.5	25700	561	150000	1.25	YQK 167R97	4
3.0	22100	481	150000	1.45	YQKH 167R97	4
3.4	19400	423	150000	1.65		
3.9	16900	369	150000	1.90		
3.3	19900	434	111200	0.90	YQK 157R97	4
3.8	17400	379	112500	1.05	YQKF 157R97	4
4.3	15300	333	113500	1.20	YQKA 157R97	4
4.9	13300	291	114200	1.35	YQKAF 157R97	4
4.3	15200	330	75500	0.85		
5.0	13200	287	79100	1.00	YQK 127R87	4
5.6	11600	253	79900	1.10	YQKF 127R87	4
6.7	9790	213	80800	1.35	YQKA 127R87	4
7.1	9220	200	81000	1.30	YQKAF 127R87	4
8.6	7640	166	81600	1.55		
9.8	6740	147	81900	1.80		
4.4	16400	164.50	150000	1.95	YQK 167	8
5.3	13400	134.99	150000	2.4	YQKH 167	8
5.8	12300	164.50	150000	2.6	YQK 167	6
7.1	10100	134.99	150000	3.2	YQKH 167	6
6.4	11200	150.41	114900	1.60	YQK 157	6
7.8	9130	122.39	115500	1.95	YQKF 157	6
9.6	7480	100.22	115900	2.4	YQKA 157	6
10	6840	91.65	116000	2.6	YQKAF 157	6
12	5950	79.75	116200	3.0		
7.1	10200	136.14	80600	1.30	YQK 127	6
7.8	9140	122.48	81000	1.40	YQKF 127	6
8.7	8220	110.18	81400	1.60	YQKA 127	6
11	6710	89.89	81900	1.95	YQKAF 127	6
9.8	7320	146.07	81700	1.80		
11	6820	136.14	81800	1.90	YQK 127	4
12	6130	122.48	82000	2.1	YQKF 127	4
13	5520	110.18	82200	2.4	YQKA 127	4
16	4500	89.89	82400	2.9	YQKAF 127	4
17	4110	81.98	82500	3.2		
20	3550	70.95	82600	3.7		
10	7190	143.47	65000	1.10	YQK 107	4
12	6080	121.46	65000	1.30	YQKF 107	4
13	5630	112.41	65000	1.40	YQKA 107	4
					YQKAF 107	4
14	5050	100.75	65000	1.60		
16	4560	90.96	64200	1.75		
17	4140	82.61	63200	1.95	YQK 107	4
20	3670	73.30	61900	2.2	YQKF 107	4
22	3330	66.52	60900	2.4	YQKA 107	4
25	2860	57.17	59100	2.8	YQKAF 107	4
29	2500	49.90	57500	3.1		
34	2120	42.33	55500	3.5		
39	1850	37.00	53800	3.9		
15	4850	96.80	38300	0.90	YQK 97	4
17	4330	86.52	38300	1.00	YQKF 97	4
18	3900	77.89	38100	1.10	YQKA 97	4
20	3530	70.54	37900	1.20	YQKAF 97	4
23	3130	62.55	37500	1.35		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
7.5kW						
25	2830	56.55	37100	1.50	YQK 97	4
30	2400	47.93	36400	1.80	YQKF 97	4
34	2100	41.87	35600	2.0	YQKA 97	4
37	1920	38.30	35100	2.2	YQKAF 97	4
42	1710	34.23	34400	2.5		
23	3160	63.00	24100	0.85	YQK 87	4
25	2840	56.64	24200	0.95	YQKF 87	4
29	2460	49.16	24200	1.10	YQKA 87	4
32	2200	44.02	24200	1.20	YQKAF 87	4
39	1830	36.52	23900	1.35		
46	1570	31.39	23500	1.70		
51	1400	27.88	23200	1.85		
57	1250	24.92	22800	2.0	YQK 87	4
64	1120	22.41	22500	2.0	YQKF 87	4
74	970	19.45	21900	2.4	YQKA 87	4
82	870	17.42	21500	2.5	YQKAF 87	4
89	800	16.00	20600	2.2		
99	725	14.45	20700	2.9		
46	1550	30.89	15400	1.00	YQK 77	4
49	1470	29.27	16000	1.05	YQKF 77	4
56	1280	25.62	17000	1.20	YQKA 77	4
62	1160	23.08	17700	1.35	YQKAF 77	4
71	1010	20.25	18300	1.50		
80	890	17.87	18600	1.60		
90	795	15.84	18200	1.75		
106	675	13.52	17800	2.0	YQK 77	4
116	620	12.36	17000	1.60	YQKF 77	4
132	545	10.84	16700	1.80	YQKA 77	4
150	480	9.56	16300	1.95	YQKAF 77	4
169	425	8.48	15900	2.1		
198	365	7.24	15400	2.3		
9.2kW						
1.7	46700	835	190000	1.05		
2.0	40700	729	190000	1.25		
2.3	34700	622	190000	1.45	YQK 187R107	4
2.8	29100	520	190000	1.70	YQKH 187R107	4
3.2	25300	454	190000	1.95		
1.4	58600	1046	174800	0.85		
1.5	53000	945	184900	0.95		
2.0	41400	738	190000	1.20	YQK 187R97	4
2.3	34800	621	190000	1.45	YQKH 187R97	4
2.7	29500	527	190000	1.70		
4.5	17800	318	150000	1.80		
5.2	15500	278	150000	2.1		
5.9	13600	244	150000	2.3	YQK 167R107	4
6.8	11900	213	150000	2.7	YQKH 167R107	4
7.0	11500	206	150000	2.8		
2.3	35400	632	150000	0.90		
2.6	31300	561	150000	1.00		
3.0	27000	481	150000	1.20	YQK 167R97	4
3.4	23700	423	150000	1.35	YQKH 167R97	4
3.9	20600	369	150000	1.55		
3.7	21400	385	110300	0.85	YQK 157R107	4
4.4	18100	325	112100	1.00	YQKF 157R107	4
4.8	16700	299	112800	1.10	YQKA 157R107	4
5.7	14100	253	113900	1.25	YQKAF 157R107	4
6.2	12800	230	114400	1.40		
3.8	21200	379	110400	0.85	YQK 157R97	4
4.3	18600	333	111900	0.95	YQKF 157R97	4
4.9	16300	291	113000	1.10	YQKA 157R97	4
					YQKAF 157R97	4
5.7	14200	253	77500	0.90		
6.8	11900	213	79800	1.10	YQK 127R87	4
7.2	11200	200	80100	1.05	YQKF 127R87	4
8.7	9320	166	81000	1.30	YQKA 127R87	4
9.8	8230	147	81400	1.45	YQKAF 127R87	4

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
9.2kW						
11	8310	136.14	81300	1.55	YQK 127	4
12	7470	122.48	81600	1.75	YQKF 127	4
13	6720	110.18	8190	1.95	YQKA 127	4
16	5480	89.89	82200	2.4	YQKAF 127	4
18	5000	81.98	82300	2.6		
13	6860	112.41	62400	1.15	YQK 107	4
14	6150	100.75	61800	1.30	YQKF 107	4
16	5550	90.96	61100	1.45	YQKA 107	4
					YQKAF 107	4
17	5040	82.61	60400	1.60		
20	4470	73.30	59400	1.80	YQK 107	4
22	4060	66.52	58600	1.95	YQKF 107	4
25	3490	57.17	57100	2.3	YQKA 107	4
29	3040	49.90	55700	2.6	YQKAF 107	4
34	2580	42.33	54000	2.8		
18	4750	77.89	35100	0.90	YQK 97	4
20	4300	70.54	35100	1.00	YQKF 97	4
23	3820	62.55	35100	1.15	YQKA 97	4
25	3450	56.55	34900	1.25	YQKAF 97	4
30	2920	47.93	34400	1.45		
34	2550	41.87	34000	1.70	YQK 97	4
38	2340	38.30	33600	1.85	YQKF 97	4
42	2090	34.23	33100	2.1	YQKA 97	4
47	1880	30.82	32500	2.3	YQKAF 97	4
52	1700	27.91	32000	2.5		
58	1510	24.75	31300	2.8		
29	3000	49.16	22000	0.90	YQK 87	4
33	2690	44.02	22200	0.95	YQKF 87	4
39	2230	36.52	22200	1.10	YQKA 87	4
46	1910	31.39	22100	1.40	YQKAF 87	4
52	1700	27.88	21900	1.55		
58	1520	24.92	21700	1.65		
64	1370	22.41	21400	1.70		
74	1190	19.45	21000	1.95	YQK 87	4
83	1060	17.42	20700	2.1	YQKF 87	4
90	980	16.00	19700	1.85	YQKA 87	4
100	880	14.45	20000	2.4	YQKAF 87	4
115	765	12.56	19500	2.6		
129	680	11.17	18600	2.2		
144	610	10.00	18200	2.5		
62	1410	23.08	16300	1.10	YQK 77	4
71	1240	20.25	17300	1.20	YQKF 77	4
81	1090	17.87	17600	1.35	YQKA 77	4
91	970	15.84	17400	1.45	YQKAF 77	4
107	820	13.52	17000	1.60		
117	755	12.36	16300	1.35	YQK 77	4
133	660	10.84	16000	1.50	YQKF 77	4
151	585	9.56	15700	1.60	YQKA 77	4
170	515	8.48	15400	1.70	YQKAF 77	4
199	440	7.24	14900	1.85		
11.0kW						
1.7	55900	835	179700	0.90		
2.0	48800	729	190000	1.05		
2.3	41600	622	190000	1.20	YQK 187R107	4
2.8	34800	520	190000	1.45	YQKH 187R107	4
3.2	30400	454	190000	1.65		
4.1	23800	355	190000	2.1		
2.0	49600	738	190000	1.00		
2.3	41700	621	190000	1.20	YQK 187R97	4
2.7	35300	527	190000	1.40	YQKH 187R97	4
4.5	21300	318	150000	1.50		
5.2	18600	278	150000	1.70		
5.9	16300	244	150000	1.95	YQK 167R107	4
6.8	14200	213	150000	2.2	YQKH 167R107	4
7.0	13700	206	150000	2.3		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
11.0kW						
2.6	37500	561	150000	0.85		
3.0	32300	481	150000	1.00		
3.4	28300	423	150000	1.15	YQK 167 R97	4
3.9	24700	369	150000	1.30	YQKH 167 R97	4
4.3	22300	333	109700	0.80	YQK 157 R97	4
4.9	19500	291	111400	0.90	YQKF 157 R97	4
					YQKA 157 R97	4
					YQKAF 157 R97	4
6.8	14300	213	77400	0.90	YQK 127 R87	4
7.2	13500	200	78900	0.90	YQKF 127 R87	4
8.7	11200	166	80100	1.10	YQKA 127 R87	4
9.8	9850	147	80700	1.20	YQKAF 127 R87	4
5.3	19700	134.99	150000	1.60	YQK 167	8
6.6	16000	109.83	150000	2.0	YQKH 167	8
5.8	18000	164.50	150000	1.80	YQK 167	6
7.1	14800	134.99	150000	2.2	YQKH 167	6
8.8	12000	164.50	150000	2.7	YQK 167	
11	9850	134.99	150000	3.2	YQKH 167	
5.9	17900	122.39	112300	1.00	YQK 157	8
7.2	14600	100.22	113700	1.25	YQKF 157	8
7.9	13400	91.65	114200	1.35	YQKA 157	8
9.0	11600	79.75	114800	1.55	YQKAF 157	8
6.4	16500	150.41	112900	1.10		
7.8	13400	122.39	114200	1.35	YQK 157	6
9.6	11000	100.22	115000	1.65	YQKF 157	6
10	10000	91.65	115300	1.80	YQKA 157	6
12	8730	79.75	115600	2.1	YQKAF 157	6
9.6	11000	150.41	115000	1.65	YQK 157	4
12	8930	122.39	115600	2.0	YQKF 157	4
14	7310	100.22	115900	2.5	YQKA 157	4
16	6690	91.65	116000	2.7	YQKAF 157	4
11	9930	136.14	80700	1.30		
12	8930	122.48	81100	1.45	YQK 127	4
13	8040	110.18	81400	1.60	YQKF 127	4
16	6560	89.89	81900	2.0	YQKA 127	4
18	5980	81.98	82100	2.2	YQKAF 127	4
20	5180	70.95	82300	2.5		
13	8200	112.41	58400	1.00	YQK 107	4
14	7350	100.75	58300	1.10	YQKF 107	4
16	6630	90.96	58000	1.20	YQKA 107	4
17	6030	82.61	57500	1.35	YQKAF 107	4
20	5350	73.30	56900	1.50		
22	4850	66.52	56200	1.65	YQK 107	4
25	4170	57.17	55100	1.90	YQKF 107	4
29	3640	49.90	54000	2.2	YQKA 107	4
34	3090	42.33	52500	2.4	YQKAF 107	4
39	2700	37.00	51200	2.7		
20	5150	70.54	32200	0.85	YQK 97	4
23	4560	62.55	32500	0.95	YQKF 97	4
25	4130	56.55	32500	1.05	YQKA 97	4
30	3500	47.93	32500	1.25	YQKAF 97	4
34	3050	41.87	32200	1.40		
38	2790	38.30	32000	1.55		
42	2500	34.23	31600	1.70	YQK 97	4
47	2250	30.82	31300	1.90	YQKF 97	4
52	2040	27.91	30800	2.1	YQKA 97	4
58	1800	24.75	30300	2.4	YQKAF 97	4
64	1630	22.37	29800	2.6		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
11.0kW						
33	3210	44.02	20000	0.80		
39	2660	36.52	20400	0.95	YQK 87	4
46	2290	31.39	20600	1.20	YQKF 87	4
52	2030	27.88	20600	1.30	YQKA 87	4
58	1820	24.92	20500	1.40	YQKAF 87	4
64	1630	22.41	20300	1.40		
74	1420	19.45	20100	1.60		
83	1270	17.42	19800	1.75		
90	1170	16.00	18800	1.55	YQK 87	4
100	1050	14.45	19400	2.0	YQKF 87	4
115	920	12.56	18900	2.2	YQKA 87	4
129	810	11.17	18000	1.85	YQKAF 87	4
144	730	10.00	17700	2.1		
174	605	8.29	17100	2.3		
200	525	7.21	16700	2.5		
62	1680	23.08	14400	0.90		
71	1480	20.25	15900	1.00		
81	1300	17.87	16600	1.10		
91	1160	15.84	16500	1.20	YQK 77	4
107	990	13.52	16300	1.35	YQKF 77	4
117	900	12.36	15500	1.10	YQKA 77	4
133	790	10.84	15300	1.25	YQKAF 77	4
151	700	9.56	15100	1.35		
170	620	8.48	14800	1.45		
199	530	7.24	14500	1.55		
15.0kW						
2.3	56100	622	179400	0.90		
2.8	47000	520	190000	1.05		
3.2	41000	454	190000	1.20	YQK 187 R107	4
4.1	32100	355	190000	1.55	YQKH 187 R107	4
5.6	23600	261	190000	2.1		
4.6	28700	318	150000	1.10		
5.3	25000	278	150000	1.30		
6.0	22000	244	150000	1.45		
6.8	19200	213	150000	1.65	YQK 167 R107	4
7.1	18500	206	150000	1.75	YQKH 167 R107	4
8.1	16200	180	150000	1.95		
9.1	14400	160	150000	2.2		
6.3	20700	230	110700	0.85		
6.9	19200	213	116000	0.95	YQK 157 R107	4
7.8	16800	187	112800	1.05	YQKF 157 R107	4
9.3	14200	157	113900	1.25	YQKA 157 R107	4
12	11000	122	115000	1.65	YQKAF 157 R107	4
14	9630	107	115400	1.85		
5.4	26600	179.86	190000	1.90	YQK 187	6
5.9	24400	165.21	190000	2.0	YQKH 187	6
7.2	19900	134.99	150000	1.60	YQK 167	6
8.8	16200	109.83	150000	1.95	YQKH 167	6
8.9	16100	164.50	150000	2.0	YQK 167	
11	13200	134.99	150000	2.4	YQKH 167	
7.9	18100	122.39	112200	1.00		
9.7	14800	100.22	113700	1.20	YQK 157	6
11	13500	91.65	114100	1.35	YQKF 157	6
12	11800	79.75	114800	1.55	YQKA 157	6
14	10400	70.38	115200	1.75	YQKAF 157	6
9.7	14800	150.41	113700	1.20		
12	12000	122.39	114700	1.50	YQK 157	4
15	9830	100.22	114200	1.85	YQKF 157	4
16	8990	91.65	112500	2.0	YQKA 157	4
18	7820	79.75	109600	2.3	YQKAF 157	4

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
15.0kW						
11	13400	136.14	79000	0.95	YQK 127	4
12	12000	122.48	79700	1.10	YQKF 127	4
13	10800	110.18	80300	1.20	YQKA 127	4
16	8820	89.89	81200	1.45	YQKAF 127	4
18	8040	81.98	81400	1.60	YQK 127	4
21	6960	70.95	81600	1.85	YQKF 127	4
23	6140	62.60	80000	2.1	YQKA 127	4
27	5300	54.07	78000	2.5	YQKAF 127	4
31	4690	47.82	76200	2.8		
16	8920	90.96	50900	0.90	YQK 107	4
18	8110	82.61	51100	1.00	YQKF 107	4
20	7190	73.30	51200	1.10	YQKA 107	4
22	6530	66.52	51000	1.25	YQKAF 107	4
26	5610	57.17	50600	1.45		
29	4900	49.90	50000	1.60	YQK 107	4
34	4150	42.33	49100	1.75	YQKF 107	4
39	3630	37.00	48200	2.0	YQKA 107	4
45	3210	32.69	47300	2.2	YQKAF 107	4
47	3070	31.28	47000	2.2		
50	2840	29.00	46400	2.5		
30	4700	47.93	28100	0.90	YQK 97	4
35	4110	41.87	28400	1.05	YQKF 97	4
38	3760	38.30	28500	1.15	YQKA 97	4
43	3360	34.23	28500	1.30	YQKAF 97	4
47	3020	30.82	28400	1.40		
52	2740	27.91	28300	1.55	YQK 97	4
59	2430	24.75	28000	1.75	YQKF 97	4
65	2190	22.37	27700	1.95	YQKA 97	4
77	1860	18.96	27200	2.3	YQKAF 97	4
88	1620	16.56	26600	2.7		
47	3080	31.39	17300	0.90		
52	2730	27.88	17600	0.95	YQK 87	4
59	2440	24.92	17800	1.00	YQKF 87	4
65	2200	22.41	18000	1.05	YQKA 87	4
75	1910	19.45	18000	1.20	YQKAF 87	4
84	1710	17.42	18000	1.30		
91	1570	16.00	16800	1.15		
101	1420	14.45	17800	1.50	YQK 87	4
116	1230	12.56	17600	1.60	YQKF 87	4
131	1100	11.17	16600	1.35	YQKA 87	4
146	980	10.00	16400	1.55	YQKAF 87	4
176	810	8.29	16000	1.70		
202	705	7.21	15700	1.85		
18.5kW						
2.8	57800	520	176300	0.85		
3.2	50400	454	189200	1.00		
4.1	39500	355	190000	1.25	YQK 187R 107	4
5.6	29000	261	190000	1.70	YQKH 187R 107	4
6.6	24600	221	190000	2.0		
4.6	35300	318	150000	0.90		
5.3	30800	278	150000	1.05		
6.0	27100	244	150000	1.20		
6.9	23600	213	150000	1.35		
7.1	22800	206	150000	1.40	YQK 167R 107	4
8.1	20000	180	150000	1.60	YQKH 167R 107	4
9.2	17700	160	150000	1.80		
11	15000	135	150000	2.1		
12	13100	118	150000	2.4		
7.8	20700	187	110700	0.85	YQK 157R107	4
9.3	17400	157	112500	1.05	YQKF 157R107	4
12	13600	122	114100	1.35	YQKA 157R107	4
14	11900	107	112300	1.50	YQKAF 157R107	4
5.4	32800	179.86	190000	1.55		
5.9	30100	165.21	190000	1.65	YQK 187	6
6.7	26300	144.59	190000	1.90	YQKH 187	6
7.5	23600	129.69	190000	2.1		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_s	Model	Pole P
18.5kW						
8.1	21700	179.86	190000	2.3		
8.9	19900	165.21	190000	2.5		
10	17400	144.59	190000	2.9	YQK 187	4
11	15600	129.69	190000	3.2	YQKH 187	4
11	16300	134.99	150000	1.95		
13	13200	109.83	150000	2.4	YQK 167	4
17	10600	87.86	150000	3.0	YQKH 167	4
9.7	18300	100.22	112100	1.00	YQK 157	6
11	16700	91.65	112800	1.10	YQKF 157	6
12	14500	79.75	111500	1.25	YQKA 157	6
14	12800	70.38	109900	1.40	YQKAF 157	6
12	14800	122.39	111600	1.20		
15	12100	100.22	109100	1.50		
16	11100	91.65	107800	1.65	YQK 157	4
18	9620	79.75	105600	1.85	YQKF 157	4
21	8490	70.38	103400	2.1	YQKA 157	4
24	7360	61.02	100700	2.5	YQKAF 157	4
27	6550	54.29	98500	2.8		
31	5640	46.79	95500	3.2		
39	4580	38.02	91300	3.9		
13	13300	110.18	79000	1.00	YQK 127	4
16	10800	89.89	79000	1.20	YQKF 127	4
18	9890	81.98	78500	1.30	YQKA 127	4
					YQKAF 127	4
21	8560	70.95	77500	1.50		
23	7550	62.60	76400	1.70		
27	6520	54.07	74800	2.0	YQK 127	4
31	5770	47.82	73400	2.2	YQKF 127	4
36	4850	40.19	71300	2.7	YQKA 127	4
40	4370	36.25	69900	3.0	YQKAF 127	4
47	3780	31.37	68000	3.4		
53	3340	27.68	66200	3.9		
20	8840	73.30	46300	0.90	YQK 107	4
22	8020	66.52	46600	1.00	YQKF 107	4
26	6890	57.17	46800	1.15	YQKA 107	4
29	6020	49.90	46700	1.30	YQKAF 107	4
35	5100	42.33	46300	1.45		
40	4460	37.00	45700	1.60		
45	3940	32.69	45100	1.85	YQK 107	4
47	3770	31.28	44900	1.80	YQKF 107	4
51	3500	29.00	44400	2.1	YQKA 107	4
56	3170	26.32	43800	2.3	YQKAF 107	4
65	2730	22.62	42700	2.6		
74	2380	19.74	41700	3.0		
88	2020	16.75	40400	3.5		
35	5050	41.87	25100	0.85	YQK 97	4
48	3720	30.82	26000	1.15	YQKF 97	4
53	3360	27.91	26000	1.30	YQKA 97	4
59	2980	24.75	26000	1.45	YQKAF 97	4
65	2700	22.37	25900	1.60	YQK 97	4
77	2290	18.96	25700	1.90	YQKF 97	4
88	2000	16.56	25300	2.2	YQKA 97	4
106	1670	13.85	24800	2.6	YQKAF 97	4
122	1450	11.99	24300	2.7		
59	3000	24.92	15600	0.85		
65	2700	22.41	15900	0.85		
75	2340	19.45	16200	1.00		
84	2100	17.42	16400	1.05	YQK 87	4
101	1740	14.45	16500	1.20	YQKF 87	4
117	1510	12.56	16400	1.30	YQKA 87	4
131	1350	11.17	15400	1.10	YQKAF 87	4
147	1210	10.00	15300	1.25		
177	1000	8.29	15100	1.40		
203	870	7.21	14900	1.50		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_s	Model	Pole P
22kW						
3.2	60000	454	172300	0.85		
4.1	47000	355	190000	1.05		
5.6	34500	261	190000	1.45	YQK 187 R107	4
6.6	29300	221	190000	1.70	YQKH 187 R107	4
7.6	25600	193	190000	1.95		
8.9	21600	163	190000	2.3		
5.3	36700	278	150000	0.85		
6.0	32200	244	150000	1.00		
6.9	28200	213	150000	1.15		
7.1	27200	206	150000	1.20		
8.1	23800	180	150000	1.35	YQK 167 R107	4
9.2	21100	160	150000	1.50	YQKH 167 R107	4
11	17900	135	150000	1.80		
12	15600	118	150000	2.0		
9.3	20800	157	109800	0.85	YQK 157 R107	4
12	16200	122	108600	1.10	YQKF 157 R107	4
14	14100	107	107300	1.25	YQKA 157 R107	4
					YQKAF 157 R107	4
5.4	39000	179.86	190000	1.30		
5.9	35800	165.21	190000	1.40		
6.7	31300	144.59	190000	1.60	YQK 187	4
7.5	28100	129.69	190000	1.80	YQKH 187	4
8.6	24400	112.60	190000	2.0		
8.1	25800	179.86	190000	1.95		
8.9	23700	165.21	190000	2.1		
10	20700	144.59	190000	2.4	YQK 187	4
11	18600	129.69	190000	2.7	YQKH 187	4
11	19400	134.99	150000	1.65		
13	15700	109.83	150000	2.0		
17	12600	87.86	150000	2.5	YQK 167	4
19	11200	78.14	150000	2.9	YQKH 167	4
9.7	21700	100.22	105900	0.85		
11	19900	91.65	105900	0.90	YQK 157	6
12	17300	79.75	105500	1.05	YQKF 157	6
14	15200	70.38	104600	1.20	YQKA 157	6
16	13200	61.02	103300	1.35	YQKAF 157	6
12	17600	122.39	105500	1.05		
15	14400	100.22	104100	1.25		
16	13100	91.65	103200	1.35	YQK 157	4
18	11400	79.75	101600	1.55	YQKF 157	4
21	10100	70.38	99800	1.80	YQKA 157	4
24	8750	61.02	97700	2.1	YQKAF 157	4
27	7790	54.29	95800	2.3		
31	6710	46.79	93200	2.7		
39	5450	38.02	89400	3.3		
16	12900	89.89	73900	1.00	YQK 127	4
18	11800	81.98	73800	1.10	YQKF 127	4
21	10200	70.95	73400	1.30	YQKA 127	4
23	8980	62.60	72800	1.45	YQKAF 127	4
27	7750	54.07	71700	1.70		
31	6860	47.82	70700	1.90		
36	5760	40.19	69000	2.3	YQK 127	4
40	5200	36.25	67800	2.5	YQKF 127	4
47	4500	31.37	66200	2.9	YQKA 127	4
53	3970	27.68	64600	3.3	YQKAF 127	4
61	3430	23.91	62800	3.8		
69	3030	21.15	61200	4.3		
26	8200	57.17	43000	1.00	YQK 107	4
29	7160	49.90	43300	1.10	YQKF 107	4
35	6070	42.33	43400	1.20	YQKA 107	4
					YQKAF 107	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_s	Model	Pole P
22kW						
40	5310	37.00	43200	1.35		
45	4690	32.69	42900	1.55		
47	4490	31.28	42800	1.50		
51	4160	29.00	42500	1.75		
56	3770	26.32	42000	1.90	YQK 107	4
65	3240	22.62	41200	2.2	YQKF 107	4
74	2830	19.74	40400	2.5	YQKA 107	4
88	2400	16.75	39300	2.9	YQKAF 107	4
100	2100	14.64	38400	3.3		
109	1930	13.43	36800	2.2		
125	1680	11.73	35900	2.6		
147	1430	9.94	34800	2.9		
48	4420	30.82	23500	0.95	YQK 97	4
53	4000	27.91	23800	1.05	YQKF 97	4
59	3550	24.75	24100	1.20	YQKA 97	4
65	3210	22.37	24200	1.35	YQKAF 97	4
77	2720	18.96	24100	1.60		
88	2370	16.56	24000	1.80	YQK 97	4
106	1990	13.85	23700	2.2	YQKF 97	4
122	1720	11.99	23300	2.3	YQKA 97	4
141	1490	10.41	21800	1.90	YQKAF 97	4
168	1250	8.71	21300	2.1		
75	2790	19.45	14400	0.80		
84	2500	17.42	14800	0.90		
101	2070	14.45	15100	1.00	YQK 87	4
117	1800	12.56	15300	1.10	YQKF 87	4
131	1600	11.17	14200	0.95	YQKA 87	4
147	1430	10.00	14200	1.05	YQKAF 87	4
177	1190	8.29	14300	1.20		
203	1030	7.21	14200	1.25		
30kW						
5.6	47000	261	190000	1.05		
6.6	39800	221	190000	1.25		
7.6	34800	193	190000	1.45	YQK 187 R107	4
9.0	29400	163	190000	1.70	YQKH 187 R107	4
6.9	38300	213	150000	0.85		
7.1	37000	206	150000	0.85		
8.1	32400	180	150000	1.00	YQK 167 R107	4
9.2	28700	160	150000	1.10	YQKH 167 R107	4
11	24400	135	150000	1.30		
12	21300	118	150000	1.50		
8.2	35100	179.86	190000	1.45		
8.9	32200	165.21	190000	1.55		
10	28200	144.59	190000	1.75		
11	25300	129.69	190000	2.0	YQK 187	4
13	21900	112.60	190000	2.3	YQKH 187	4
14	19900	102.16	190000	2.5		
17	17200	88.00	190000	2.9		
13	21400	109.83	150000	1.50		
17	17100	87.86	150000	1.85		
19	15200	78.14	150000	2.1	YQK 167	4
22	13300	68.07	150000	2.4	YQKH 167	4
24	11800	60.74	150000	2.7		
15	19500	100.22	92700	0.90		
16	17900	91.65	92800	1.00		
18	15500	79.75	92400	1.15	YQK 157	4
21	13700	70.38	91800	1.30	YQKF 157	4
24	11900	61.02	90700	1.50	YQKA 157	4
27	10600	54.29	89500	1.70	YQKAF 157	4
31	9120	46.79	87800	1.95		
39	7410	38.02	85100	2.4		
47	6100	31.30	82200	3.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{r2} [N]	Service factor f_s	Model	Pole P
30kW						
21	13800	70.95	64200	0.95		
23	12200	62.60	64600	1.05		
27	10500	54.07	64700	1.25	YQK 127	4
31	9320	47.82	64400	1.40	YQKF 127	4
37	7830	40.19	63700	1.65	YQKA 127	4
41	7060	36.25	63100	1.85	YQKAF 127	4
47	6110	31.37	62000	2.1		
53	5390	27.68	61000	2.4		
62	4660	23.91	59600	2.8		
35	8250	42.33	36100	0.90	YQK 107	4
40	7210	37.00	37600	1.00	YQKF 107	4
47	6100	31.28	38000	1.10	YQKA 107	4
					YQKAF 107	4
51	5650	29.00	38000	1.25		
56	5130	26.32	38000	1.40		
65	4410	22.62	37700	1.65		
74	3850	19.74	37400	1.85	YQK 107	4
88	3260	16.75	36700	2.2	YQKF 107	4
100	2850	14.64	36100	2.4	YQKA 107	4
109	2620	13.43	34400	1.65	YQKAF 107	4
125	2280	11.73	33800	1.90		
148	1940	9.94	33000	2.2		
169	1690	8.69	32200	2.4		
59	4820	24.75	19600	0.90		
66	4360	22.37	20100	1.00		
78	3690	18.96	20700	1.15	YQK 97	4
89	3230	16.56	21000	1.35	YQKF 97	4
106	2700	13.85	21200	1.60	YQKA 97	4
123	2340	11.99	21100	1.65	YQKAF 97	4
141	2030	10.41	19500	1.40		
169	1700	8.71	19400	1.55		
37kW						
5.6	58000	261	176000	0.85		
6.6	49200	221	190000	1.00		
7.6	43000	193	190000	1.15	YQK 187 R107	4
9.0	36300	163	190000	1.40	YQKH 187 R107	4
8.1	40000	180	150000	0.80		
9.2	35500	160	150000	0.90	YQK 167 R107	4
11	30100	135	150000	1.05	YQKH 167 R107	4
12	26300	118	150000	1.20		
8.2	43200	179.86	190000	1.15		
8.9	39700	165.21	190000	1.25		
10	34800	144.59	190000	1.45		
11	31200	129.69	190000	1.60	YQK 187	4
13	27100	112.60	190000	1.85	YQKH 187	4
14	24600	102.16	190000	2.0		
17	21200	88.00	190000	2.4		
13	26400	109.83	150000	1.20		
17	21100	87.86	150000	1.50		
19	18800	78.14	150000	1.70	YQK 167	4
22	16400	68.07	150000	1.95	YQKH 167	4
24	14600	60.74	150000	2.2		
28	12400	51.77	150000	2.6		
16	22000	91.65	83600	0.80	YQK 157	4
18	19200	79.75	84500	0.95	YQKF 157	4
					YQKA 157	4
					YQKAF 157	4
21	16900	70.38	84800	1.05		
24	14700	61.02	84600	1.25	YQK 157	4
27	13000	54.29	84100	1.40	YQKF 157	4
31	11200	46.79	83200	1.60	YQKA 157	4
39	9140	38.02	81300	1.95	YQKAF 157	4
47	7520	31.30	79100	2.4		
23	15000	62.60	57500	0.85	YQK 127	4
27	13000	54.07	58500	1.00	YQKF 127	4
31	11500	47.82	59000	1.15	YQKA 127	4
37	9660	40.19	59100	1.35	YQKAF 127	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
37kW						
41	8710	36.25	59000	1.50		
47	7540	31.37	58500	1.70		
53	6650	27.68	57800	1.95	YQK 127	4
62	5740	23.91	56900	2.3	YQKF 127	4
70	5080	21.15	56000	2.6	YQKA 127	4
83	4270	17.77	54500	3.0	YQKAF127	4
102	3450	14.35	52500	3.5		
115	3070	12.79	50200	2.8		
137	2580	10.74	48600	3.1		
169	2090	8.68	46600	3.5		
40	8890	37.00	29000	0.80		
47	7520	31.28	33000	0.90		
51	6970	29.00	34200	1.05		
56	6320	26.32	34500	1.15	YQK 107	4
65	5440	22.62	34700	1.30	YQKF 107	4
74	4740	19.74	34700	1.50	YQKA 107	4
88	4020	16.75	34500	1.75	YQKAF107	4
100	3520	14.64	34200	1.95		
109	3230	13.34	32300	1.35		
125	2820	11.73	32000	1.55		
148	2390	9.94	31400	1.75		
169	2090	8.69	30900	1.95		
45kW						
6.6	59800	221	172600	0.85	YQK 187 R107	4
7.6	52300	193	186100	1.95	YQKH 187 R107	4
9.0	44200	163	190000	1.15		
11	36600	135	150000	0.85	YQK 167 R107	4
12	32000	118	150000	1.00	YQKH 167 R107	4
8.2	52600	179.86	185500	0.95		
8.9	48300	165.21	190000	1.05		
10	42300	144.59	190000	1.20		
11	37900	129.69	190000	1.30	YQK 187	4
13	32900	112.60	190000	1.50	YQKH 187	4
14	29900	102.16	190000	1.65		
17	25700	88.00	190000	1.95		
20	21600	73.96	187700	2.3		
13	32100	109.83	150000	1.00		
17	25700	87.86	150000	1.25		
19	22800	78.14	150000	1.40		
22	19900	68.07	150000	1.60	YQK 167	4
24	17800	60.74	149000	1.80	YQKH 167	4
28	15100	51.77	145600	2.1		
34	12500	42.89	140600	2.5		
21	20600	70.38	76800	0.85		
24	17800	61.02	77700	1.00		
27	15900	54.29	77900	1.15	YQK 157	4
31	13700	46.79	77800	1.30	YQKF 157	4
39	11100	38.02	76900	1.60	YQKA 157	4
47	9150	31.30	75500	1.95	YQKAF157	4
53	8080	27.62	74300	2.2		
61	7000	23.95	72800	2.6		
69	6230	21.31	71500	2.9		
80	5370	18.37	69700	3.3		
31	14000	47.82	52800	0.95	YQK 127	4
37	11700	40.19	53900	1.10	YQKF 127	4
41	10600	36.25	54200	1.25	YQKA 127	4
					YQKAF127	4
47	9170	31.37	54400	1.40		
53	8090	27.68	54200	1.60		
62	6990	23.91	53800	1.85		
70	6180	21.15	53200	2.1	YQK 127	4
83	5190	17.77	52200	2.5	YQKF 127	4
102	4190	14.35	50700	2.9	YQKA 127	4
115	3740	12.79	48300	2.3	YQKAF127	4
137	3140	10.74	47000	2.5		
169	2540	8.68	45300	2.8		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
45kW						
51	8480	29.00	25600	0.85	YQK 107	4
56	7690	26.32	28300	0.95	YQKF 107	4
65	6610	22.62	31000	1.10	YQKA 107	4
74	5770	19.74	31700	1.25	YQKAF 107	4
88	4890	16.75	31900	1.45		
100	4280	14.64	31900	1.60	YQK 107	4
109	3930	13.43	29900	1.10	YQKF 107	4
125	3430	11.73	29900	1.25	YQKA 107	4
148	2910	9.94	29600	1.45	YQKAF 107	4
169	2540	8.69	29300	1.60		
55kW						
10	51500	144.59	187400	0.95		
11	46200	129.69	190000	1.10		
13	40100	112.60	188500	1.25		
14	36400	102.16	187100	1.35	YQK 187	4
17	31300	88.00	184200	1.60	YQKH 187	4
20	26300	73.96	180200	1.90		
23	22800	64.04	176300	2.2		
17	31300	87.86	145300	1.00		
19	27800	78.14	144600	1.15		
22	24200	68.07	143300	1.30		
24	21600	60.74	141700	1.50	YQK 167	4
28	18400	51.77	139100	1.75	YQKH 167	4
34	15300	42.89	135400	2.1		
40	13000	36.61	131900	2.5		
24	21700	61.02	69000	0.85		
27	19300	54.29	70200	0.95		
32	16700	46.79	71200	1.10		
39	13500	38.02	71500	1.35	YQK 157	4
47	11100	31.30	71000	1.60	YQKF 157	4
53	9840	27.62	70400	1.85	YQKA 157	4
62	8530	23.95	69400	2.1	YQKAF 157	4
69	7590	21.31	68400	2.4		
80	6540	18.37	67000	2.8		
99	5310	14.92	64800	3.4		
117	4510	12.65	62900	3.8		
37	14300	40.19	47400	0.90	YQK 127	4
47	11200	31.37	49300	1.15	YQKF 127	4
53	9850	27.68	49700	1.30	YQKA 127	4
					YQKAF 127	4
62	8510	23.91	49900	1.55		
70	7530	21.15	49800	1.75	YQK 127	4
83	6330	17.77	49300	2.0	YQKF 127	4
103	5110	14.35	48300	2.4	YQKA 127	4
115	4550	12.79	45900	1.85	YQKAF 127	4
137	3830	10.74	45000	2.1		
170	3090	8.68	43600	2.3		
75kW						
11	62800	129.69	164100	0.80		
13	54500	112.60	166100	0.90		
14	49400	102.16	166600	1.00		
17	42600	88.00	166600	1.15	YQK 187	4
20	35800	73.96	165300	1.40	YQKH 187	4
23	31000	64.04	163400	1.60		
28	25800	53.36	160100	1.95		
33	22000	45.50	156700	2.3		
19	37800	78.14	126100	0.85		
22	32900	68.07	127100	0.95		
24	29400	60.74	127300	1.10		
29	25100	51.77	126800	1.30		
35	20800	42.89	125200	1.55	YQK 167	4
40	17700	36.61	123200	1.80	YQKH 167	4
46	15600	32.25	121300	2.0		
51	13900	28.77	119300	2.3		
60	11900	24.52	116300	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
75kW						
39	18400	38.02	60800	1.00		
47	15100	31.30	62200	1.20		
54	13400	27.62	62600	1.35	YQK 157	4
62	11600	23.95	62600	1.55	YQKF 157	4
69	10300	21.31	62400	1.75	YQKA 157	4
81	8890	18.37	61800	2.0	YQKAF157	4
99	7220	14.92	60500	2.5		
117	6120	12.65	59300	2.8		
47	15200	31.37	39200	0.85		
53	13400	27.68	40800	0.95		
62	11600	23.91	42200	1.10	YQK 127	4
70	10200	21.15	42900	1.25	YQKF 127	4
83	8600	17.77	43500	1.50	YQKA 127	4
103	6940	14.35	43700	1.75	YQKAF127	4
116	6190	12.79	41100	1.40		
138	5200	10.74	41000	1.55		
171	4200	8.68	40400	1.70		
90kW						
14	59300	102.16	151300	0.85		
17	51100	88.00	153400	1.00		
20	42900	73.96	154200	1.15		
23	37200	64.04	153800	1.35	YQK 187	4
28	31000	53.36	152200	1.60	YQKH 187	4
33	26400	45.50	149900	1.90		
35	24700	42.51	148700	2.0		
38	22400	38.57	146900	2.2		
22	39500	68.07	115100	0.80		
24	35300	60.74	116600	0.90		
29	30100	51.77	117600	1.05		
35	24900	42.89	117600	1.30		
40	21300	36.61	116700	1.50	YQK 167	4
46	18700	32.25	115500	1.70	YQKH 167	4
51	16700	28.77	114200	1.90		
60	14200	24.52	111900	2.2		
73	11800	20.32	108800	2.7		
85	10100	17.34	106000	3.2		
39	22100	38.02	52700	0.80		
47	18200	31.30	55500	1.00		
54	16000	27.62	56700	1.10	YQK 157	4
62	13900	23.95	57500	1.30	YQKF 157	4
69	12400	21.31	57900	1.45	YQKA 157	4
81	10700	18.37	57900	1.70	YQKAF157	4
99	8670	14.92	57400	2.1		
117	7350	12.65	56600	2.3		
62	13900	23.91	36400	0.95		
70	12300	21.15	37800	1.05	YQK 127	4
83	10300	17.77	39200	1.25	YQKF 127	4
103	8330	14.35	40200	1.45	YQKA 127	4
116	7420	12.79	37600	1.15	YQKAF127	4
138	6240	10.74	38000	1.30		
171	5040	8.68	38000	1.45		
110kW						
17	62300	88.00	136000	0.80		
20	52300	73.96	139500	0.95		
23	45300	64.04	141000	1.10		
28	37700	53.36	141500	1.30		
33	32200	45.50	140800	1.55	YQK 187	4
35	30100	42.51	140200	1.65	YQKH 187	4
39	27300	38.57	139100	1.85		
45	23500	33.23	137000	2.1		
53	19800	27.92	134000	2.5		
29	36600	51.77	105500	0.85		
35	30300	52.89	107500	1.05		
41	25900	36.61	108100	1.25		
46	22800	32.25	107900	1.40	YQK 167	4
52	20400	28.77	107400	1.55	YQKH 167	4
61	17300	24.52	106100	1.85		
73	14400	20.32	104000	2.2		
86	12300	17.34	101800	2.6		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
110kW						
62	16900	23.95	50800	1.05	YQK 157	4
70	15100	21.31	51900	1.20	YQKF 157	4
81	13000	18.37	52700	1.40	YQKA 157	4
100	10600	14.92	53100	1.70	YQKAF 157	4
117	8950	12.65	53000	1.90		
132kW						
20	62800	73.96	123300	0.80		
23	54400	64.04	127000	0.90		
28	45300	53.36	129800	1.10		
33	38600	45.50	130800	1.30		
35	36100	42.51	130900	1.40	YQK 187	4
39	32700	38.57	130700	1.55	YQKH 187	4
45	28200	33.23	129800	1.75		
53	23700	27.92	127900	2.1		
61	20500	24.18	125900	2.3		
74	17100	20.15	122800	2.6		
86	14600	17.18	119700	2.8		
35	36400	42.89	96400	0.90		
41	31100	36.61	98600	1.05		
46	27400	32.25	99600	1.15		
52	24400	28.77	99900	1.30	YQK 167	
61	20800	24.52	99800	1.55	YQKH 167	
73	17200	20.32	98700	1.85		
86	14700	17.34	97300	2.2		
62	20300	23.95	43400	0.90	YQK 157	4
70	18100	21.31	45300	1.00	YQKF 157	4
81	15600	18.37	47000	1.15	YQKA 157	4
100	12700	14.92	48500	1.40	YQKAF 157	4
117	10700	12.65	49100	1.60		
160kW						
28	54900	53.36	114900	0.90		
33	46800	45.50	118100	1.05		
45	34200	33.23	120500	1.45		
53	28700	27.92	120100	1.75	YQK 187A	4
61	24900	24.18	119100	1.90	YQKH 187A	4
74	20700	20.15	117200	2.1		
86	17700	17.18	114900	2.3		
41	37700	36.61	86500	0.85		
61	25200	24.52	91700	1.25	YQK 167A	4
73	20900	20.32	92000	1.55	YQKH 167A	4
86	17800	17.34	91600	1.80		
81	18900	18.37	39800	0.95	YQK 157A	4
100	15400	14.92	42600	1.15	YQKF 157A	4
117	13000	12.65	44100	1.30	YQKA 157A	4
					YQKAF 157A	4
200kW						
33	58500	45.50	100000	0.85		
45	42700	33.23	107300	1.15		
53	35900	27.92	109000	1.40		
61	31100	24.18	109500	1.55	YQK 187B	4
74	25900	20.15	109100	1.70	YQKH 187B	4
86	22100	17.18	108100	1.85		
61	31500	24.52	80100	1.00		
73	26100	20.32	82400	1.20	YQK 167B	4
86	22300	17.34	83400	1.45	YQKH 167B	4
					YQK 157B	4
100	19200	14.92	34200	0.95	YQKF 157B	4
117	16300	12.65	36900	1.05	YQKA 157B	4
					YQKAF 157B	4

YQK37R17, YQ K47/57R37 n_a=1400 r/min

YQK37R17			200Nm
i	n_a [r/min]	M_{am-ax} [Nm]	F_{Re} [N]
6832	0.20	200	5640
5922	0.24	200	5640
5491	0.25	200	5640
4759	0.29	200	5640
4160	0.34	200	5640
3645	0.38	200	5640
3205	0.44	200	5640
2801	0.50	200	5640
2454	0.57	200	5640
2166	0.65	200	5640
1891	0.74	200	5640
1660	0.84	200	5640
1466	0.95	200	5640
1288	1.1	200	5640
1136	1.2	200	5640
996	1.4	200	5640
876	1.6	200	5640
761	1.8	200	5640
671	2.1	200	5640
585	2.4	200	5640
512	2.7	200	5640
451	3.1	200	5640
396	3.5	200	5640
346	4.0	200	5640
304	4.6	200	5640
267	5.2	200	5640
234	6.0	200	5640
205	6.8	200	5640
181	7.7	200	5640
160	8.8	200	5640
136	10	200	5640
127	11	200	5640
110	13	200	5640
96	15	200	5640

YQK47R37			400Nm
i	n_a [r/min]	M_{am-ax} [Nm]	F_{Re} [N]
10138	0.14	400	5920
8534	0.16	400	5920
7662	0.18	400	5920
6826	0.21	400	5920
5983	0.23	400	5920
5159	0.27	400	5920
4601	0.30	400	5920
3940	0.36	400	5920
3477	0.40	400	5920
3043	0.46	400	5920
2733	0.51	400	5920
2354	0.59	400	5920
2063	0.68	400	5920
1819	0.77	400	5920
1586	0.88	400	5920
1388	1.0	400	5920
1222	1.1	400	5920
1097	1.3	400	5920
945	1.5	400	5920
831	1.7	400	5920
718	1.9	400	5920
639	2.2	400	5920
552	2.5	400	5920
495	2.8	400	5920
426	3.3	400	5920
375	3.7	400	5920
327	4.3	400	5920
289	4.8	400	5920
256	5.5	400	5920
225	6.2	400	5920
198	7.1	400	5920
171	8.2	400	5920
153	9.2	400	5920
131	11	400	5920
112	13	400	5920
99	14	400	5920
94	15	400	5920

YQK57R37			6000Nm
i	n_a [r/min]	M_{am-ax} [Nm]	F_{Re} [N]
12169	0.12	600	7470
11162	0.13	600	7470
9503	0.15	600	7470
8547	0.16	600	7470
7277	0.19	600	7470
6478	0.22	600	7470
5662	0.25	600	7470
5033	0.28	600	7470
4340	0.32	600	7470
3854	0.36	600	7470
3390	0.41	600	7470
2924	0.48	600	7470
2593	0.54	600	7470
2249	0.62	600	7470
1986	0.70	600	7470
1743	0.80	600	7470
1539	0.91	600	7470
1354	1.0	600	7470
1174	1.2	600	7470
1036	1.4	600	7470
906	1.5	600	7470
806	1.7	600	7470
699	2.0	600	7470
615	2.3	600	7470
544	2.6	600	7470
473	3.0	600	7470
421	3.3	600	7470
362	3.9	600	7470
319	4.4	600	7470
280	5.0	600	7470
246	5.7	600	7470
215	6.5	600	7470
192	7.3	600	7470
166	8.4	600	7470
145	9.7	600	7470
129	11	600	7470
111	13	600	7470
97	14	600	7470

YQK67/77R37,YQK87R57 n_a=1400 r/min

YQK67R37			820Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
12139	0.12	820	10300
11134	0.13	820	10300
9479	0.15	820	10300
8173	0.17	820	10300
7259	0.19	820	10300
6462	0.22	820	10300
5648	0.25	820	10300
4846	0.29	820	10300
4329	0.32	820	10300
3750	0.37	820	10300
3315	0.42	820	10300
2917	0.48	820	10300
2532	0.55	820	10300
2244	0.62	820	10300
1981	0.71	820	10300
1739	0.81	820	10300
1535	0.91	820	10300
1351	1.0	820	10300
1171	1.2	820	10300
1034	1.4	820	10300
903	1.6	820	10300
793	1.8	820	10300
697	2.0	820	10300
613	2.3	820	10300
542	2.6	820	10300
471	3.0	820	10300
420	3.3	820	10300
361	3.9	820	10300
323	4.3	820	10300
279	5.0	820	10300
246	5.7	820	10300
217	6.5	820	10300
191	7.3	820	10300
166	8.4	820	10300
144	9.7	820	10300
122	11	820	10300

YQK77R37			1550Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
15310	0.09	1550	15400
14043	0.10	1550	15400
11955	0.12	1550	15400
10217	0.14	1550	15400
8809	0.16	1550	15400
7528	0.19	1550	15400
6606	0.21	1550	15400
5774	0.24	1550	15400
5089	0.28	1550	15400
4489	0.31	1550	15400
3961	0.35	1550	15400
3485	0.40	1550	15400
2901	0.48	1550	15400
2717	0.52	1550	15400
2370	0.59	1550	15400
2050	0.68	1550	15400
1772	0.79	1550	15400
1514	0.92	1550	15400
1388	1.0	1550	15400
1218	1.1	1550	15400
1053	1.3	1550	15400
924	1.5	1550	15400
815	1.7	1550	15400
709	2.0	1550	15400
622	2.3	1550	15400
552	2.5	1550	15400
485	2.9	1550	15400
428	3.3	1550	15400
367	3.8	1550	15400
328	4.3	1550	15400
290	4.8	1550	15400
252	5.6	1550	15400
221	6.3	1550	15400
195	7.2	1550	15400
175	8.0	1550	15400
154	9.1	1550	15400

YQK87R57			2700Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
14829	0.09	2700	27300
13168	0.11	2700	27300
11737	0.12	2700	27300
10217	0.14	2700	27300
9073	0.15	2700	27300
7854	0.18	2700	27300
6832	0.20	2700	27300
5930	0.24	2700	27300
5240	0.27	2700	27300
4562	0.31	2700	27300
4037	0.35	2700	27300
3609	0.39	2700	27300
3107	0.45	2700	27300
2728	0.51	2700	27300
2371	0.59	2700	27300
2088	0.67	2700	27300
1854	0.76	2700	27300
1657	0.84	2700	27300
1415	0.99	2700	27300
1229	1.1	2700	27300
1078	1.3	2700	27300
951	1.5	2700	27300
837	1.7	2700	27300
726	1.9	2700	27300
638	2.2	2700	27300
562	2.5	2700	27300
474	3.3	2700	27300
426	3.3	2700	27300
373	3.8	2700	27300
330	4.2	2700	27300
294	4.8	2700	27300
250	5.6	2700	27300
236	5.9	2700	27300
201	7.0	2700	27300
183	7.7	2700	27300
159	8.8	2700	27300
141	9.9	2700	27400

YQK97R57,YQK107/127R77 n_a=1400 r/min

YQK97R57			820Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
18091	0.08	4300	40000
16666	0.08	4300	40000
14897	0.09	4300	40000
13182	0.11	4300	40000
11677	0.12	4300	40000
10317	0.14	4300	40000
9083	0.15	4300	40000
8054	0.17	4300	40000
6970	0.20	4300	40000
6027	0.23	4300	40000
5391	0.26	4300	40000
4669	0.30	4300	40000
4082	0.34	4300	40000
3583	0.39	4300	40000
3108	0.45	4300	40000
2757	0.51	4300	40000
2419	0.58	4300	40000
2123	0.66	4300	40000
1856	0.75	4300	40000
1625	0.86	4300	40000
1430	0.98	4300	40000
1261	1.1	4300	40000
1102	1.3	4300	40000
957	1.5	4300	40000
855	1.6	4300	40000
743	1.9	4300	40000
652	2.1	4300	40000
573	2.4	4300	40000
504	2.8	4300	40000
439	3.2	4300	40000
382	3.7	4300	40000
342	4.1	4300	40000
305	4.6	4300	40000
258	5.4	4300	40000
232	6.0	4300	40000
199	7.0	4300	40000

YQK107R77			8000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
14311	0.10	8000	65000
12211	0.11	8000	65000
10677	0.13	8000	65000
9524	0.15	8000	65000
8328	0.17	8000	65000
7270	0.19	8000	65000
6184	0.23	8000	65000
5662	0.25	8000	65000
5138	0.27	8000	65000
4359	0.32	8000	65000
3810	0.37	8000	65000
3358	0.42	8000	65000
2977	0.47	8000	65000
2599	0.54	8000	65000
2286	0.61	8000	65000
1939	0.72	8000	65000
1713	0.82	8000	65000
1554	0.90	8000	65000
1336	1.0	8000	65000
1166	1.2	8000	65000
1030	1.4	8000	65000
904	1.5	8000	65000
793	1.8	8000	65000
696	2.0	8000	65000
615	2.3	8000	65000
522	2.7	8000	65000
461	3.0	8000	65000
408	3.4	8000	65000
364	3.8	8000	65000
318	4.4	8000	65000
286	4.9	8000	65000
251	5.6	8000	65000
222	6.3	8000	65000
196	7.1	8000	65000
174	8.0	7200	65000
154	9.1	7200	65000
140	10	7200	65000

YQK127R77			13000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
17550	0.08	13000	79200
16006	0.09	13000	79200
14975	0.09	13000	79200
12440	0.11	13000	79200
10915	0.13	13000	79200
9819	0.14	13000	79200
8443	0.17	13000	79200
7482	0.19	13000	79200
6565	0.21	13000	79200
5804	0.24	13000	79200
5027	0.28	13000	79200
4423	0.32	13000	79200
3889	0.36	13000	79200
3311	0.42	13000	79200
3009	0.47	13000	79200
2607	0.54	13000	79200
2268	0.62	13000	79200
1926	0.73	13000	79200
1757	0.80	13000	79200
1541	0.91	13000	79200
1342	1.0	13000	79200
1177	1.2	13000	79200
1025	1.4	13000	79200
899	1.6	13000	79200
790	1.8	13000	79200
704	2.0	13000	79200
610	2.3	13000	79200
549	2.6	13000	79200
477	2.9	13000	79200
418	3.3	13000	79200

YQK 127R87,YQK 157R97, YQK 157R107 n_a=1400 r/min

YQK127R87			13000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
536	2.6	13000	79200
473	3.0	13000	79200
418	3.3	13000	79200
367	3.8	13000	79200
330	4.2	13000	79200
287	4.9	13000	79200
253	5.5	13000	79200
213	6.6	13000	79200
200	7.0	13000	79200
166	8.4	13000	79200
147	9.5	13000	79200

YQK157R97			18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
17679	0.08	18000	112200
15729	0.09	18000	112200
14721	0.10	18000	112200
13097	0.11	18000	112200
11368	0.12	18000	112200
10114	0.14	18000	112200
8718	0.16	18000	112200
7734	0.18	18000	112200
6881	0.20	18000	112200
5931	0.24	18000	112200
5074	0.28	18000	112200
4514	0.31	18000	112200
3979	0.35	18000	112200
3516	0.40	18000	112200
3051	0.46	18000	112200
2610	0.54	18000	112200
2322	0.60	18000	112200
2029	0.69	18000	112200
1805	0.78	18000	112200
1659	0.84	18000	112200
1365	1.0	18000	112200
1229	1.1	18000	112200
1093	1.3	18000	112200
942	1.5	18000	112200
854	1.6	18000	112200
756	1.9	18000	112200
661	2.1	18000	112200
567	2.5	18000	112200
504	2.8	18000	112200
434	3.2	18000	112200
379	3.7	18000	112200
333	4.2	18000	112200
291	4.8	18000	112200

YQK157R107			18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
385	3.6	18000	112200
325	4.3	18000	112200
299	4.7	18000	112200
253	5.5	18000	112200
230	6.1	18000	112200
213	6.6	18000	112200
187	7.5	18000	112200
157	8.9	18000	112200
122	11	18000	106500
107	13	18000	100700

YQK 167/187R97,YQK 167/187R107 n_a=1400 r/min

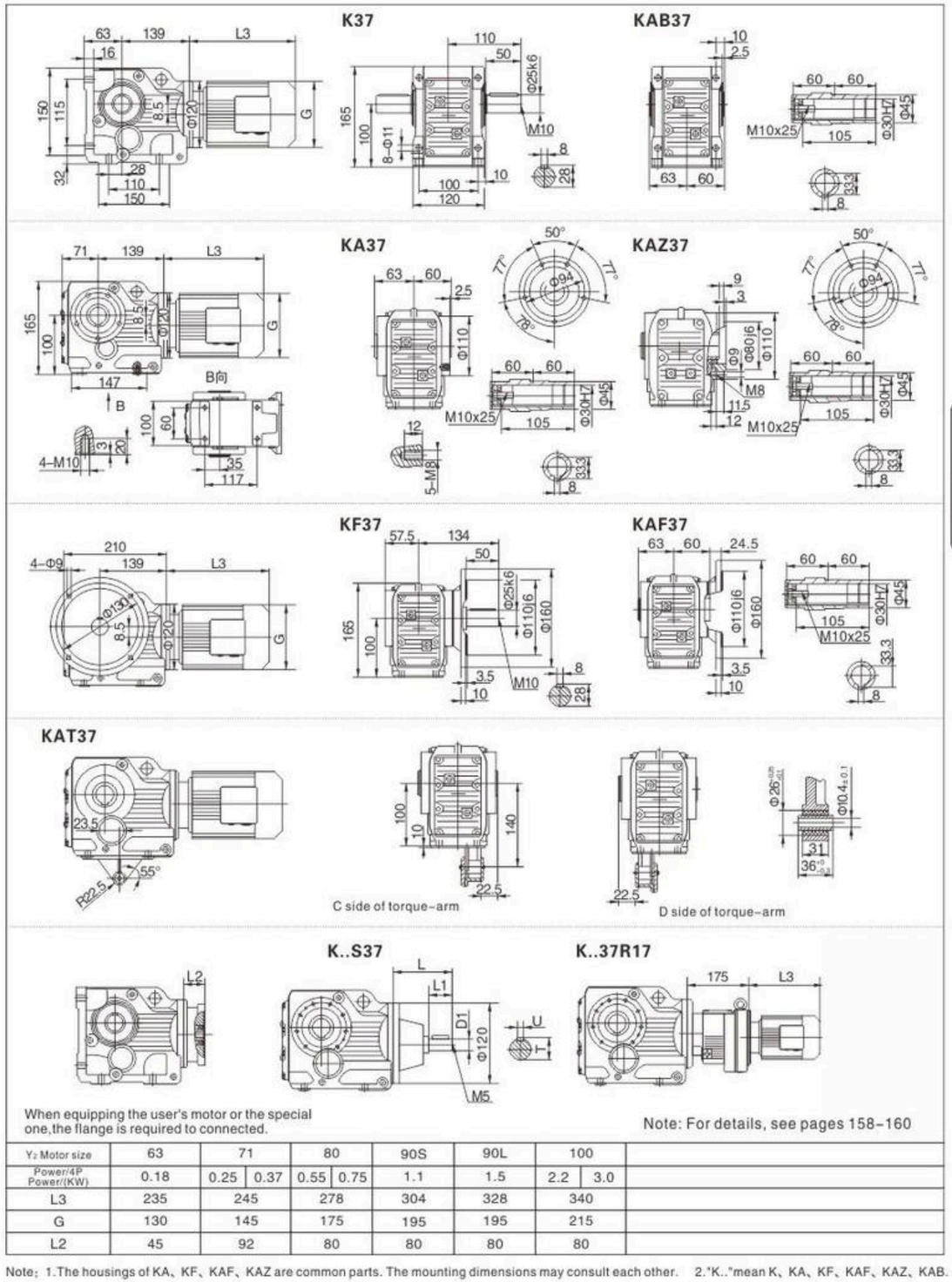
YQK167R97			32000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
19723	0.07	32000	15000
17406	0.08	32000	15000
15000	0.09	32000	15000
13238	0.11	32000	15000
11573	0.12	32000	15000
10264	0.14	32000	15000
8628	0.16	32000	15000
6562	0.21	32000	15000
5355	0.26	32000	15000
4788	0.29	32000	15000
4079	0.34	32000	15000
3376	0.41	32000	15000
2755	0.51	32000	15000
2263	0.62	32000	15000
2182	0.64	32000	15000
1704	0.82	32000	15000
1408	0.99	32000	15000
1296	1.1	32000	15000
1101	1.3	32000	15000
944	1.5	32000	15000
843	1.7	32000	15000
757	1.8	32000	15000
632	2.2	32000	15000
561	2.5	32000	15000
481	2.9	32000	15000
423	3.3	32000	15000
369	3.8	32000	15000

YQK167R107			32000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
318	4.4	32000	15000
278	5.0	32000	15000
244	5.7	32000	15000
213	6.6	32000	15000
206	6.8	32000	15000
180	7.8	32000	15000
160	8.8	32000	15000
135	10	32000	15000
118	12	32000	15000

YQK187R97			50000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
32625	0.04	50000	190000
27165	0.05	50000	190000
24353	0.06	50000	190000
19144	0.07	50000	190000
16978	0.08	50000	190000
14272	0.10	50000	190000
13116	0.11	50000	190000
11647	0.12	50000	190000
10413	0.13	50000	190000
9363	0.15	50000	190000
8126	0.17	50000	190000
7343	0.19	50000	190000
6747	0.21	50000	190000
5991	0.23	50000	190000
5358	0.26	50000	190000
4817	0.29	50000	190000
4370	0.32	50000	190000
3609	0.39	50000	190000
3062	0.46	50000	190000
2818	0.50	50000	190000
2519	0.56	50000	190000
2268	0.62	50000	190000
2054	0.68	50000	190000
1821	0.77	50000	190000
1605	0.87	50000	190000
1395	1.0	50000	190000
1196	1.2	50000	190000
1046	1.3	50000	190000
945	1.5	50000	190000
738	1.9	50000	190000
621	2.3	50000	190000
527	2.7	50000	190000

YQK187R107			50000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{Ra} [N]
835	1.7	50000	190000
729	1.9	50000	190000
622	2.3	50000	190000
520	2.7	50000	190000
454	3.1	50000	190000
355	3.9	50000	190000
261	5.4	50000	190000
221	6.3	50000	190000
193	7.3	50000	190000
163	8.6	50000	190000

YUQIU MACHINERY Through the ISO9001:2015 international system certification

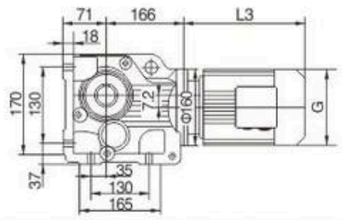


When equipping the user's motor or the special one,the flange is required to connected.

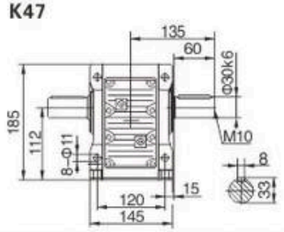
Note: For details, see pages 158-160

Y_2 Motor size	63	71		80		90S	90L	100	
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	235	245		278		304	328	340	
G	130	145		175		195	195	215	
L2	45	92		80		80	80	80	

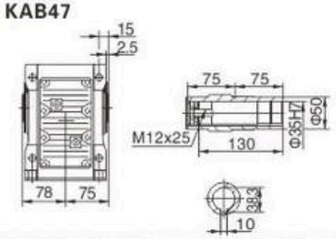
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

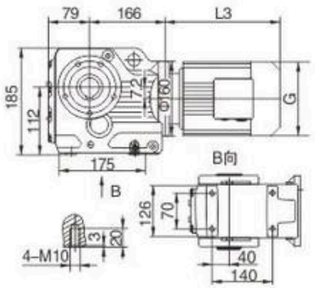


K47

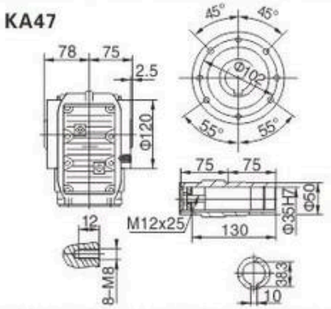


KAB47

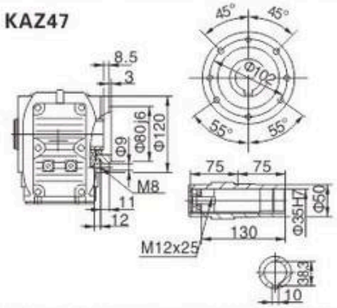




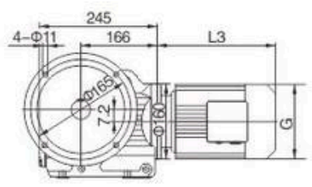
KA47

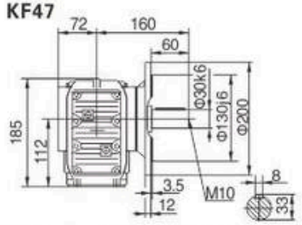


KAZ47

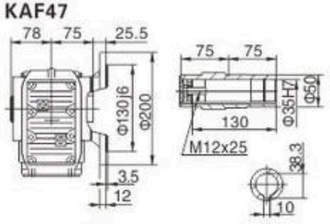


KF47

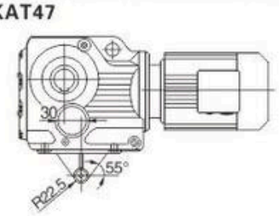


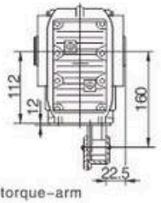


KAF47

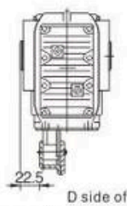


KAT47

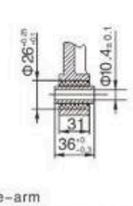




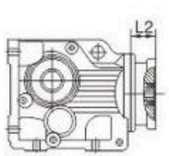
C side of torque-arm

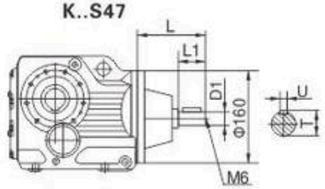


D side of torque-arm

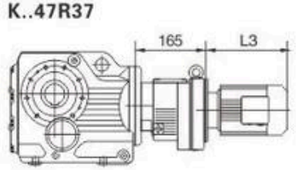


K..S47





K..47R37

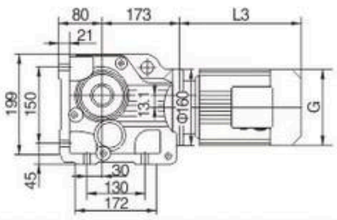


When equipping the user's motor or the special one,the flange is required to connected.

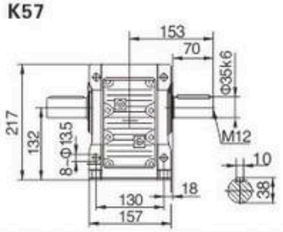
Note: For details, see pages 158-160

Y2 Motor size	63	71	80	90S	90L	100	112M	132S	
Power/4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	
L3	223	245	278	304	328	350	383	428	
G	130	145	175	195	195	215	240	275	
L2	45	55	80	80	80	100	100	110	

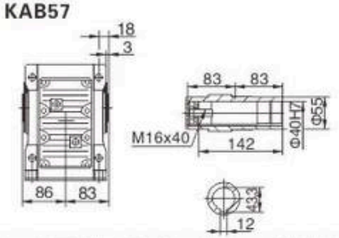
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

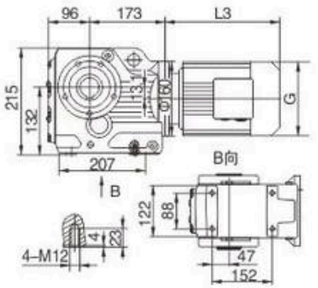


K57

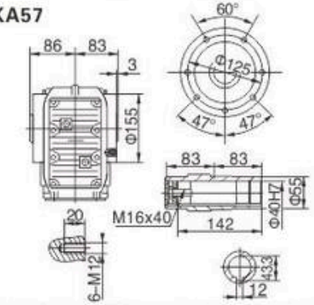


KAB57

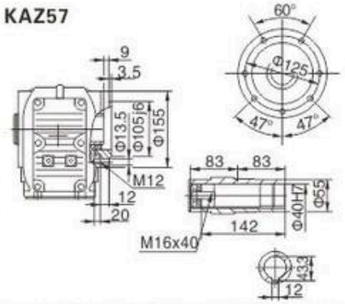




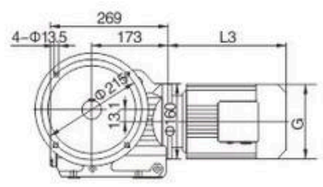
KA57

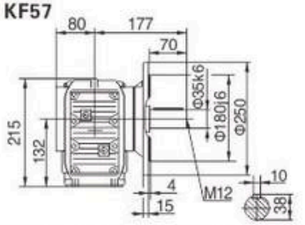


KAZ57

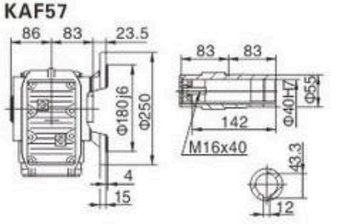


KF57

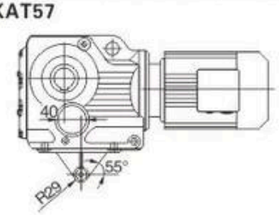


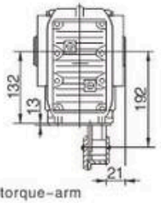


KAF57

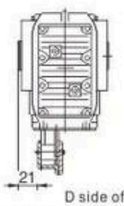


KAT57

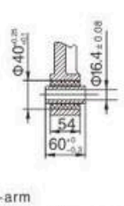




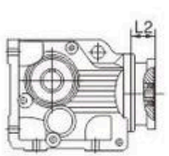
C side of torque-arm

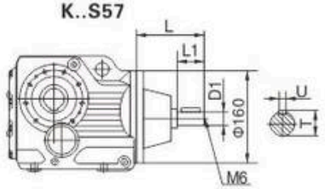


D side of torque-arm

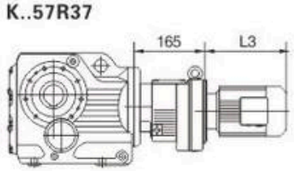


K..S57





K..57R37

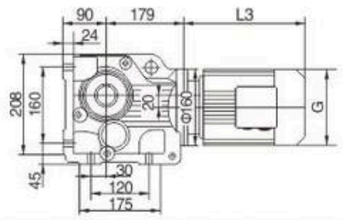


When equipping the user's motor or the special one,the flange is required to connected.

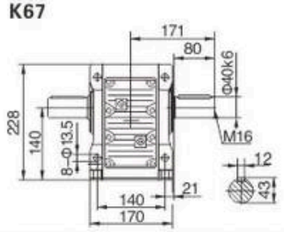
Note: For details, see pages 158-160

Y2 Motor size	63	71	80	90S	90L	100	112M	132S	
Power/4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	
L3	223	245	278	304	328	350	380	425	
G	130	145	175	195	195	215	240	275	
L2	45	55	80	80	80	100	100	110	

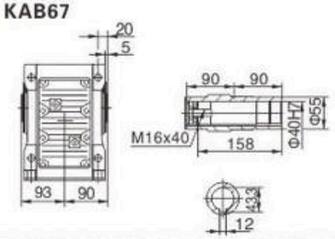
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

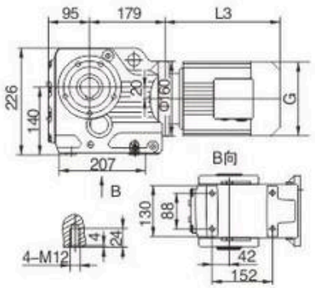


K67

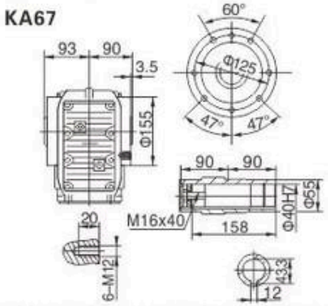


KAB67

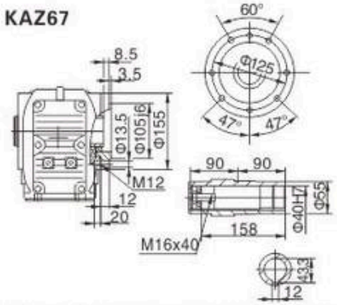


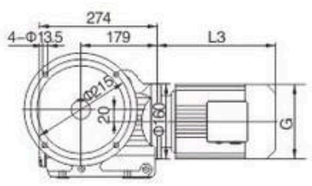


KA67

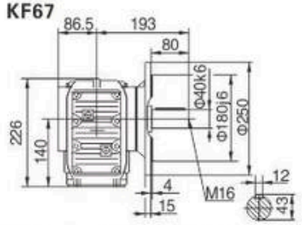


KAZ67

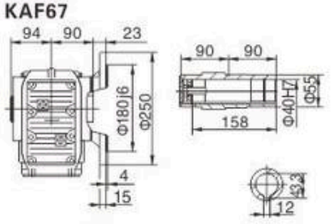




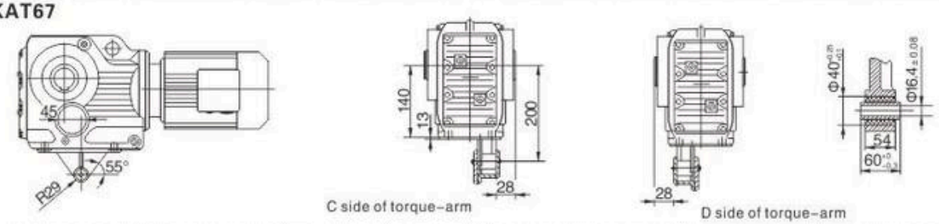
KF67



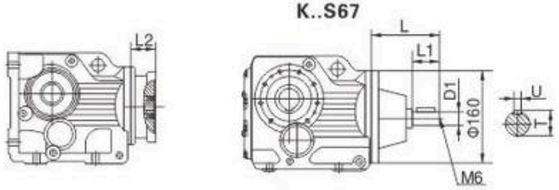
KAF67



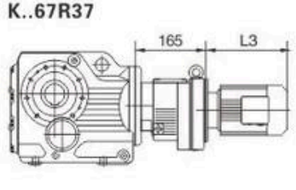
KAT67



K..S67



K..67R37

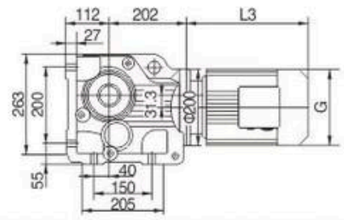


When equipping the user's motor or the special one,the flange is required to connected.

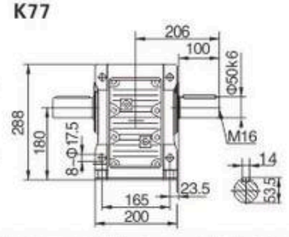
Note: For details, see pages 158-160

Y2 Motor size	63	71	80	90S	90L	100	112M	132S	
Power/4P Power/(KW)	0.18	0.25 | 0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	
L3	223	245	278	304	328	350	380	425	
G	130	145	175	195	195	215	240	275	
L2	45	55	80	80	80	100	100	110	

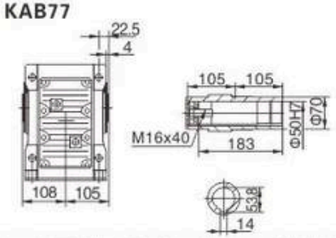
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

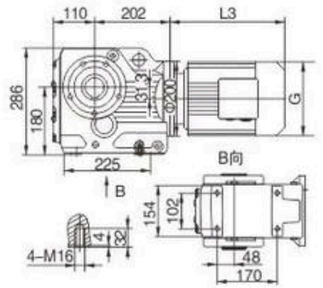


K77

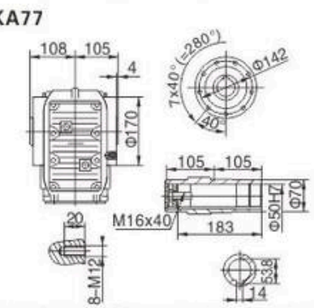


KAB77

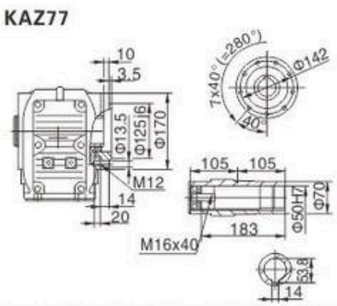


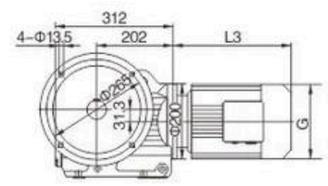


KA77

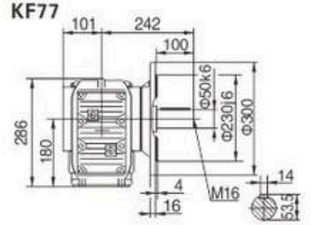


KAZ77

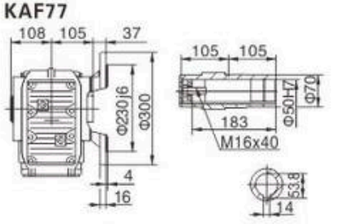




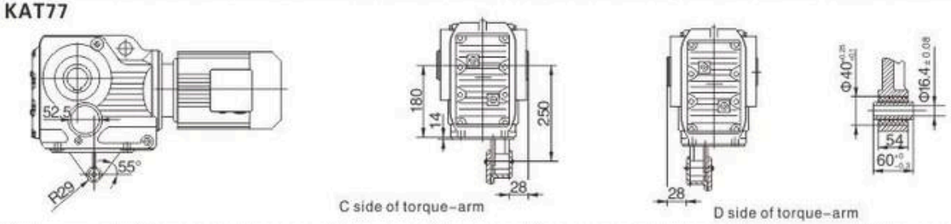
KF77



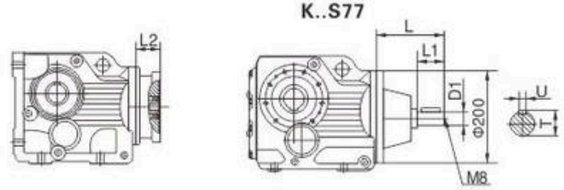
KAF77



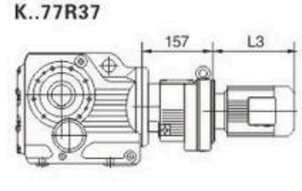
KAT77



K..S77



K..77R37

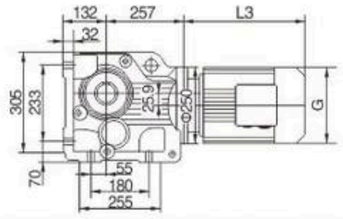


When equipping the user's motor or the special one,the flange is required to connected.

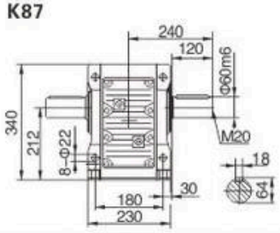
Note: For details, see pages 158-160

Y2 Motor size	71	80	90S	90L	100	112M	132S	132M	160M	
Power/4P Power/(KW)	0.37	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	
L3	233	278	304	328	350	380	425	461	524	
G	145	175	195	195	215	240	275	275	330	
L2	55	80	80	80	100	100	110	110	133	

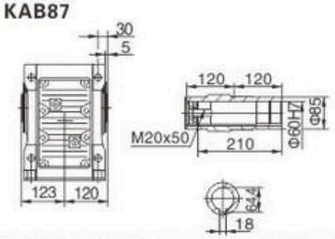
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

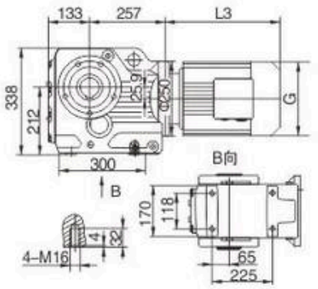


K87

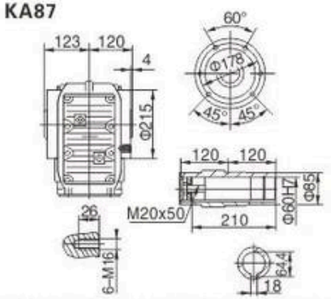


KAB87

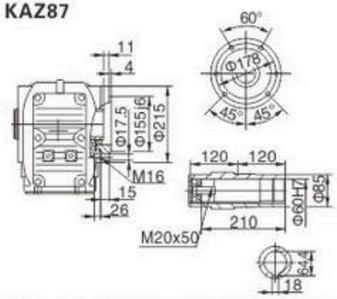


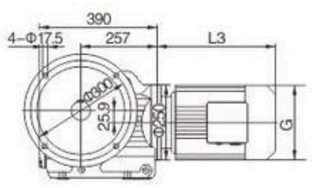


KA87

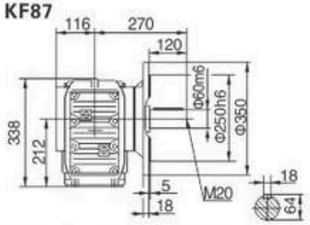


KAZ87

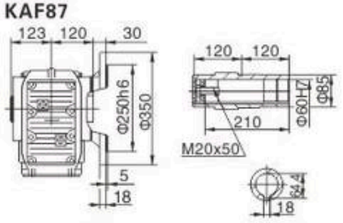




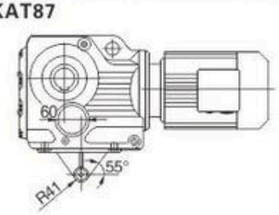
KF87

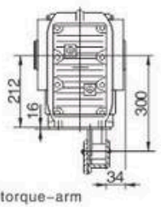


KAF87

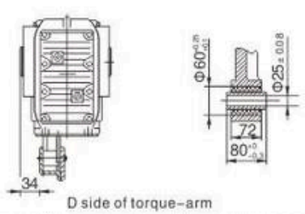


KAT87



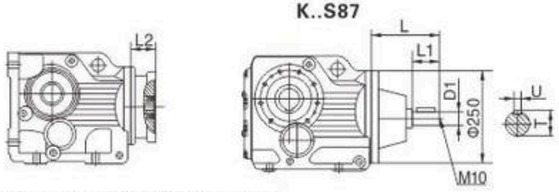


C side of torque-arm

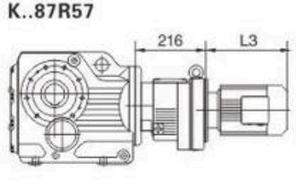


D side of torque-arm

K..S87



K..87R57

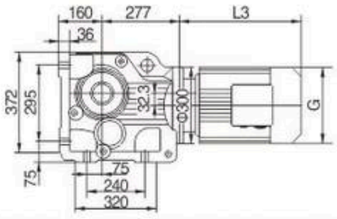


When equipping the user's motor or the special one,the flange is required to connected.

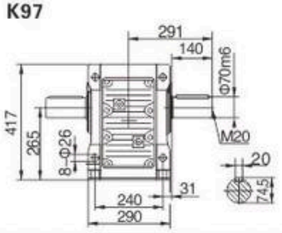
Note: For details, see pages 158-160

Y2 Motor size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L
Power/4P Power/(KW)	0.55 | 0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	15	18.5	22
L3	246	280	304	350	380	425	461	524	547	583	616
G	175	195	195	215	240	275	275	330	330	380	380
L2	80	80	80	100	100	110	110	133	133	133	133

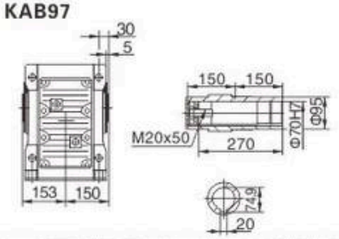
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

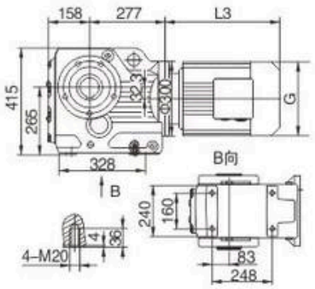


K97

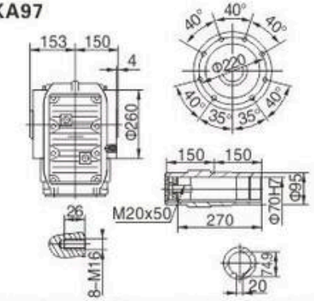


KAB97

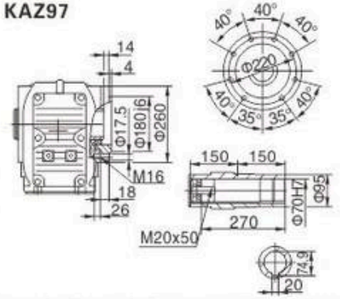


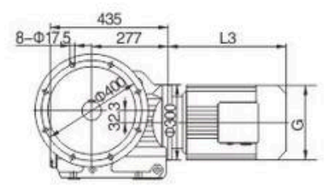


KA97

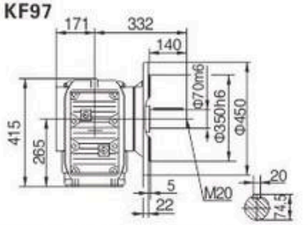


KAZ97

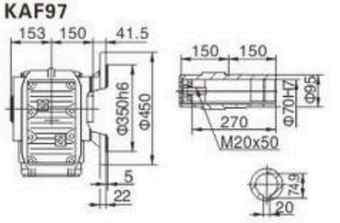




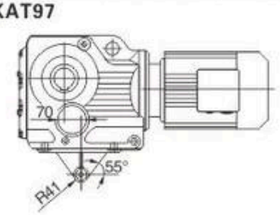
KF97

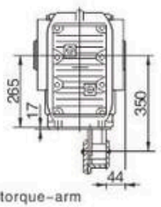


KAF97

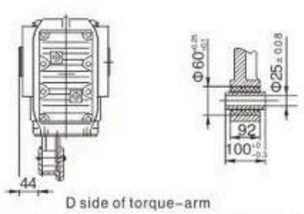


KAT97



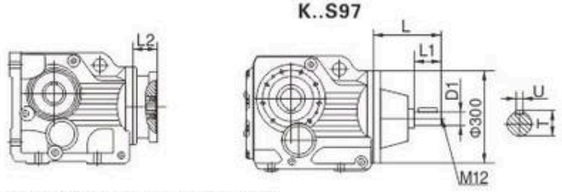


C side of torque-arm

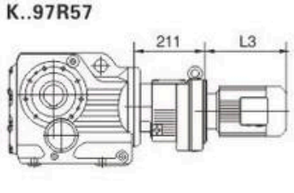


D side of torque-arm

K..S97



K..97R57

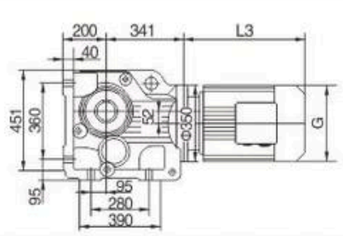


When equipping the user's motor or the special one,the flange is required to connected.

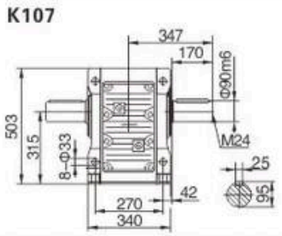
Note: For details, see pages 158-160

Y2 Motor size	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200
Power/4P Power/(KW)	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	15	18.5	22	30
L3	280	304	315	334	425	461	524	547	555	588	652
G	195	195	215	240	275	275	330	330	380	380	420
L2	107	107	100	100	110	110	133	133	133	133	135

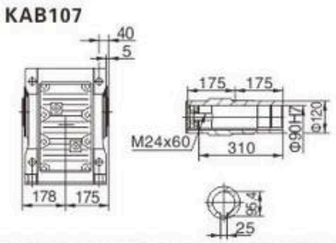
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

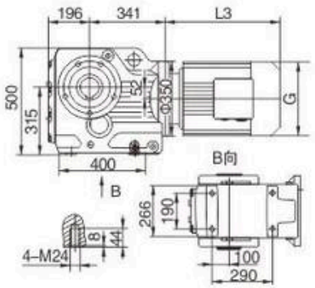


K107

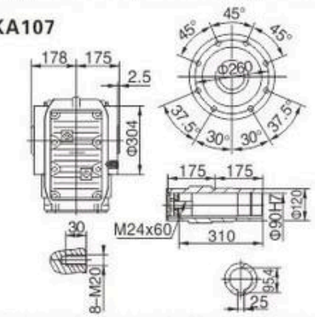


KAB107

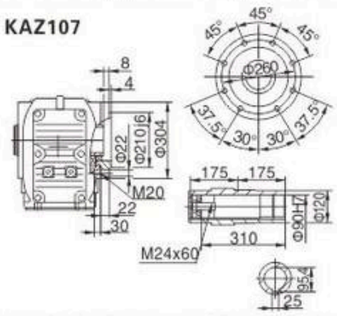


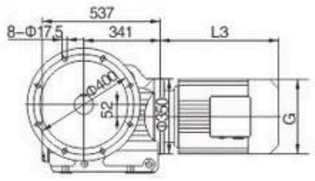


KA107

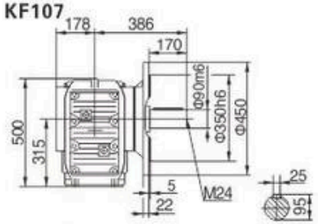


KAZ107

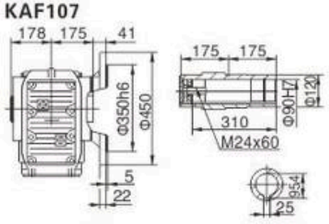




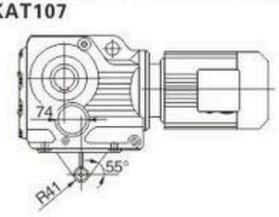
KF107

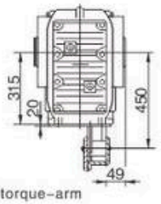


KAF107

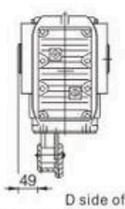


KAT107

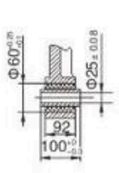




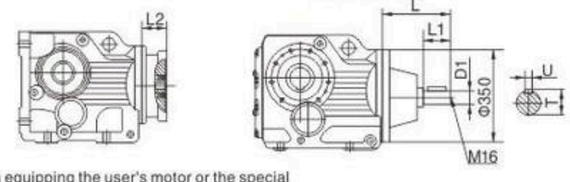
C side of torque-arm



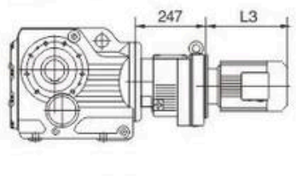
D side of torque-arm



K..S107



K..107R77

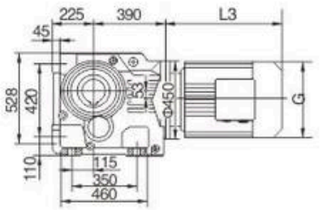


When equipping the user's motor or the special one,the flange is required to connected.

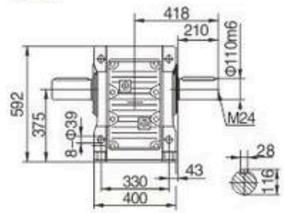
Note: For details, see pages 158-160

Y2 Motor size	100	112M	132S	132M	160M	160L	180M	180L	200	225S	225M
Power/4P Power/(KW)	3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45
L3	318	334	386	422	504	519	555	588	654	680	702
G	215	240	275	275	330	330	380	380	420	470	470
L2	100	100	110	110	133	133	133	133	135	143	143

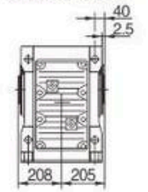
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



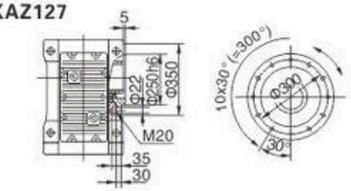
K127



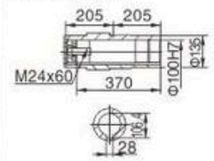
KA(KAB)127

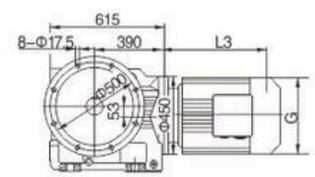


KAZ127

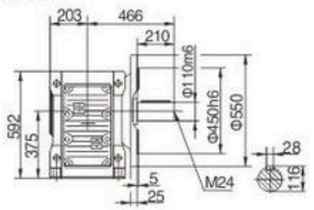


KA127/KAF127/KAZ127
Hollow shaft

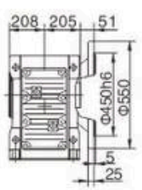




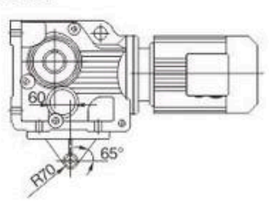
KF127

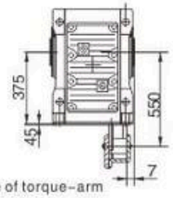


KAF127

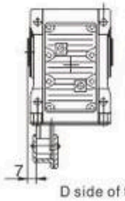


KAT127

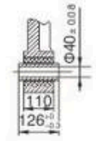




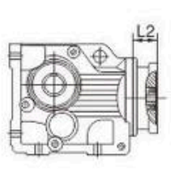
C side of torque-arm

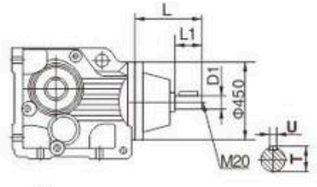


D side of torque-arm

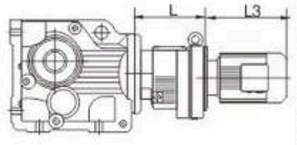


K..S127





K..127R77(R87)



Note: For details, see pages 158-160

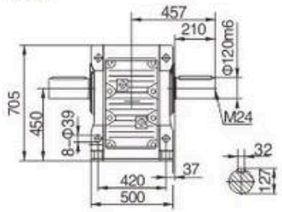
When equipping the user's motor or the special one,the flange is required to connected.

	K..127R77	K..127R87
L	232	280

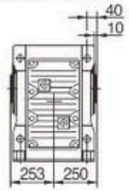
Y2 Motor size	132M	160M	160L	180M	180L	200	225S	225M	250	280S	280M
Power/4P Power/(KW)	7.5	11	15	18.5	22	30	37	45	55	75	90
L3	424	567	602	583	616	654	674	696	775	847	847
G	275	330	330	380	380	420	470	470	510	580	580
L2	125	125	125	125	125	147	162	162	170	170	170

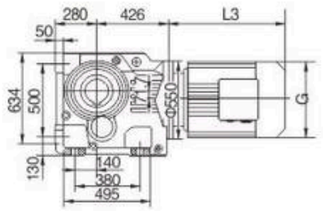
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

K157

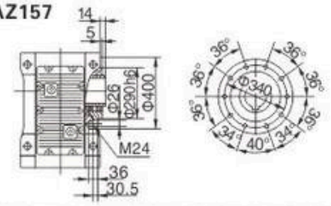


KA(KAB)157

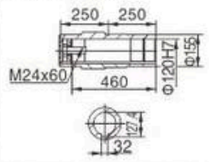


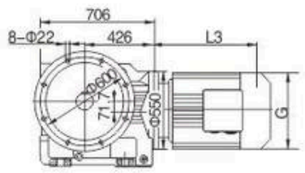


KAZ157

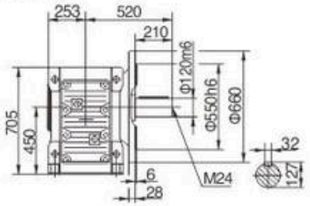


KA157/KAF157/KAZ157 Hollow shaft

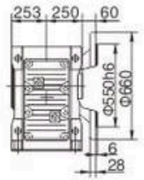




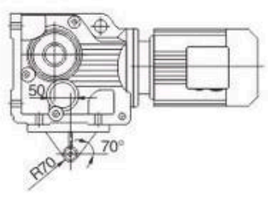
KF157

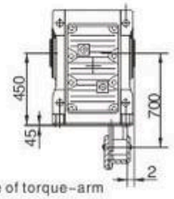


KAF157

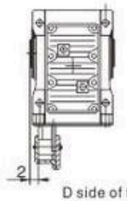


KAT157

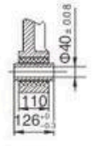




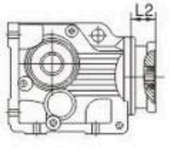
C side of torque-arm



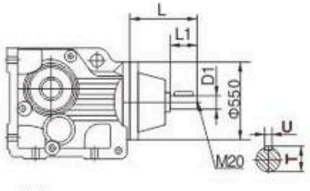
D side of torque-arm

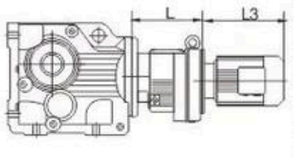


K..S157



K..157R97(R107)





Note: For details, see pages 158-160

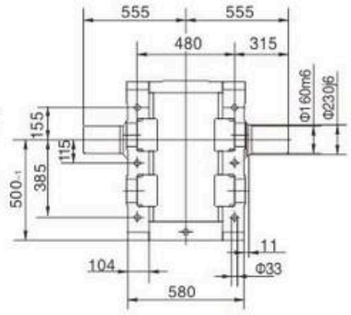
When equipping the user's motor or the special one,the flange is required to connected.

	K..157R97	K..157R107
L	325	382

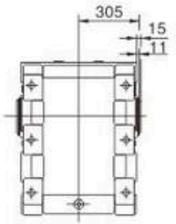
Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250M	280S	280M	315S	315M	315L
Power/4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	567	602	635	666	642	669	691	770	828	879	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	125	125	125	125	147	145	145	170	170	170	–	–	–

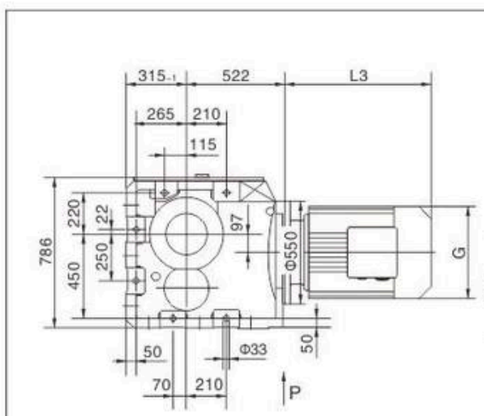
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

K167

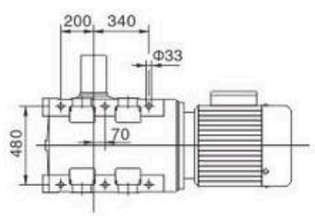


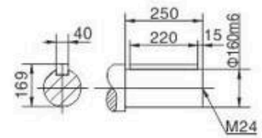
KA167

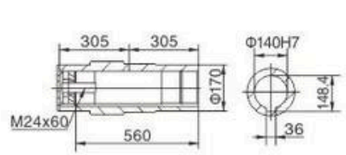




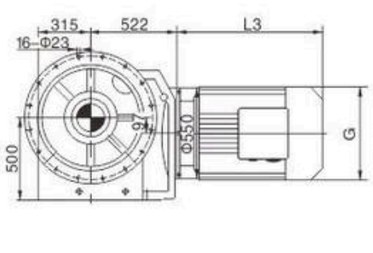
P向



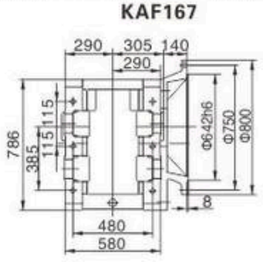




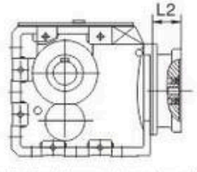
KF167



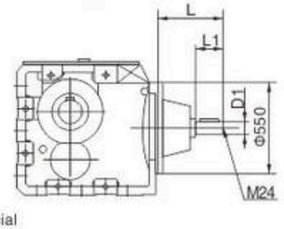
KAF167

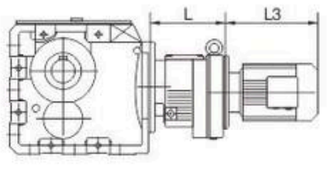


K..S167



K..167R97(R107)





When equipping the user's motor or the special one,the flange is required to connected.

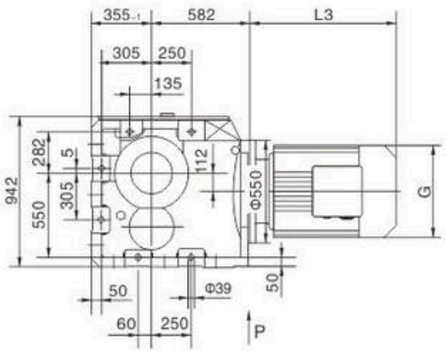
Note: For details, see pages 158-160

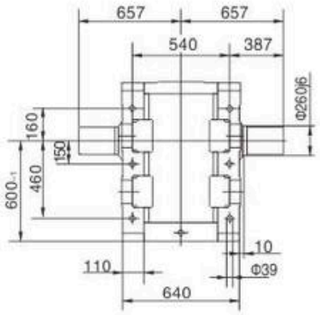
	K..167R97	K..167R107
L	325	382

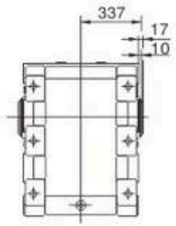
Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250M	280S	280M	315S	315M	315L
Power/4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160 | 200
L3	492	537	593	633	646	673	698	779	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	125	125	125	125	147	145	145	170	170	170	–	–	–

Note: 1.The housings of KA、KF、KAF、KAZ、KAB are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

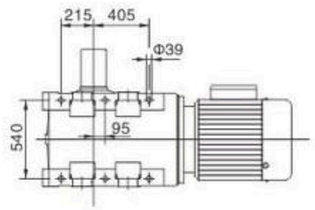
K187 **KA187**

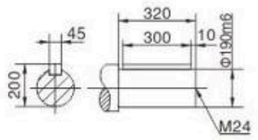


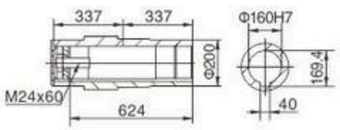




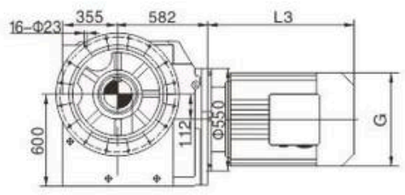
P向

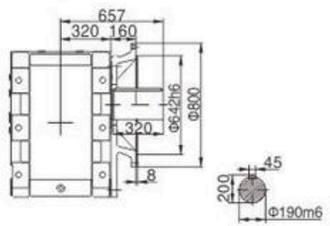


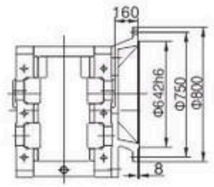




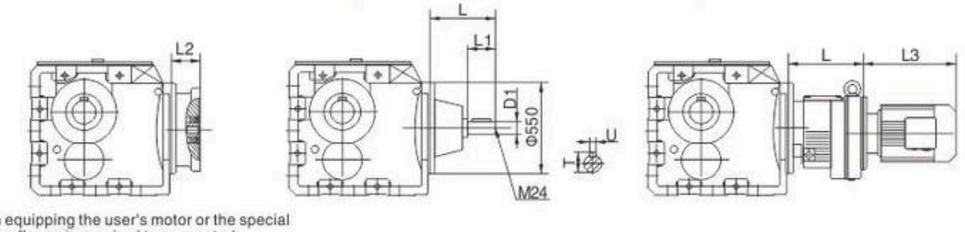
KF187 **KAF187**







K..S187 **K..187R97(R107)**



When equipping the user's motor or the special one,the flange is required to connected.

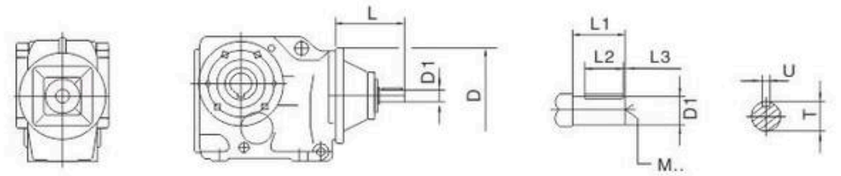
Note: For details, see pages 158–160

	K..187R97	K..187R107
L	325	382

Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250M	280S	280M	315S	315M	315L
Power/4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160 200
L3	492	537	593	633	646	673	698	779	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	125	125	125	125	147	145	145	170	170	170	–	–	–

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

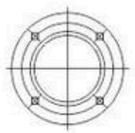
YQK..AD..

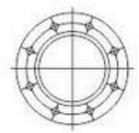


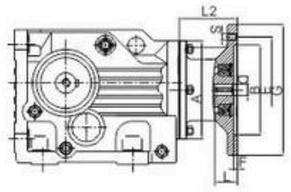
		D	L	D1	L1	L3	L2	T	U	M
YQK..37	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
YQK..47 YQK..57 YQK..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
YQK..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
YQK..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
YQK..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
YQK..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	10	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
YQK..127	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	10	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
YQK..187 YQK..167 YQK..157	AD5	550	258	42	110	10	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

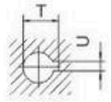
YQK..AM..

Fig.1 Fig.2





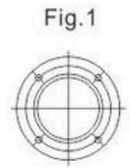


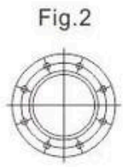


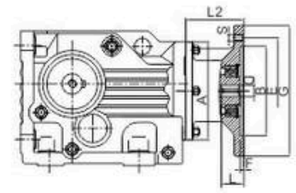
			B	E	F	A	G	S	L2	D	L	T	U
YQK..37	Am63	Fig1	95	115	3.5	120	140	M8	45	11	23	12.8	4
	AM71*	1	110	130			160		92	14	30	16.3	5
	AM80*		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90*									24	50	27.3	8
YQK..47 YQK..57 YQK..67	Am63	1	95	115	3.5	160	140	M8	45	11	23	12.8	4
	Am71		110	130			160		55	14	30	16.3	5
	Am80		130	165	4.5		200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	AM100*		180	215	5		250	M12	100	28	60	31.3	8
	AM112*												
YQK..77	AM63	1	95	115	3.5	200	140	M8	45	11	23	12.8	4
	Am71		110	130			160		55	14	30	16.3	5
	Am80		130	165	4.5		200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	AM100*		180	215	5		250	M12	100	28	60	31.3	8
	AM112*												
	AM132S* AM132M*		230	265	5		300		110	38	80	41.3	10
	AM132ML*												
YQK..87	Am80	1	130	165	4.5	250	200	M10	80	19	40	21.8	6
	Am90									24	50	27.3	8
	Am100		180	215	5		250	M12	100	28	60	31.3	8
	Am112												
	AM132S AM132M		230	265			300		110	38	80	41.3	10
	AM132ML												
	AM160*		250	300	6		350	M16	133	42	110	45.3	12
	AM180*									48		51.8	14
YQK..97	Am100	1	180	215	5	300	250	M12	100	28	60	31.3	8
	Am112												
	AM132S AM132M AM132ML		230	265			300		110	38	80	41.3	10
	Am160		250	300	6		350	M16	133	42	110	45.3	12
	Am180									48		51.8	14
	AM200*		300	350	7		400		135	55		59.3	16
	Am225*	2	350	400			450		143	60	140	64.4	18

YQK..AM..

Fig.1 Fig.2







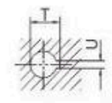
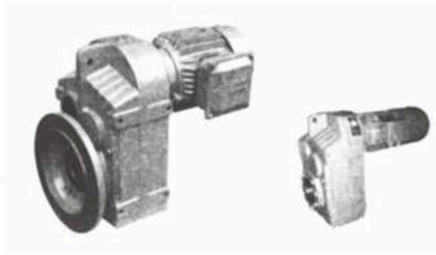
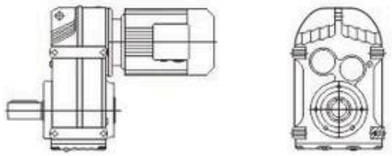


		Fig	B	E	F	A	G	S	L2	D	L	T	U
YQK..107	AM100	1	180	215	5	350	250	M12	100	28	60	31.3	8
	AM112												
	AM132S		230	265			300		110	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	133	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		135	55		59.3	16
	AM225	2	350	400			450		143	60	140	64.4	18
YQK..127	AM132S	1	230	265	5	450	300	M12	125	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	125	42	110	45.3	12
	AM180									48		51.3	14
	AM200		300	350	7		400		147	55		59.3	16
	AM225	2	350	400			450		162	60	140	64.4	18
	AM250		450	500			550		170	65		49.4	
	AM280									75		79.9	20
YQK..157 YQK..167 YQK..187	AM160	1	250	300	6	550	350	M16	125	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		147	55		59.3	16
	AM225	2	350	400			450		145	60	140	64.4	18
	AM250		450	500			550		170	65		49.4	
	AM280									75		79.9	20

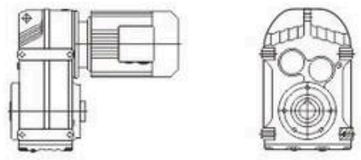
Dimension G/2 may protrude past foot mounting surface if mounted on K footmounted gear unit.please check.



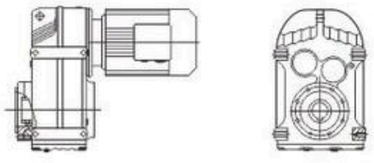
F series gear units are available in the following designs:



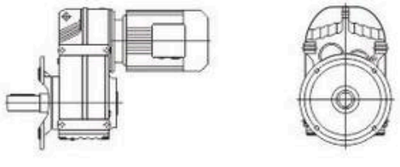
F..Y..
Foot-mounted parallel shaft helical gear units with solld shaft



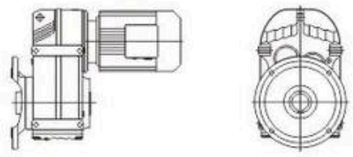
FA..Y..
Parallel shaft helical gear units with hollow shaft



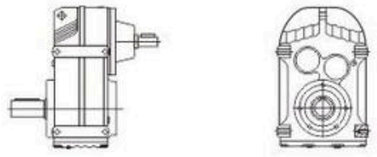
FAZ..Y..
Short-flange-mounted parallel shaft helical gear units with hollow shaft



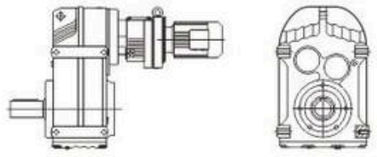
FF..Y..
Flange-mounted parallel shaft helical gear units with solid shaft



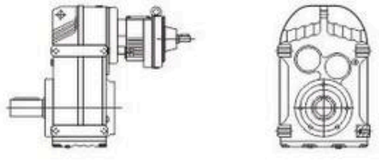
FAF..Y..
Flange-mounted parallel shaft helical gear units with hollow shaft



F(FF、FA、FAF、FAZ)S...
Shaft input parallel shaft helical gear units



F(FF、FA、FAF、FAZ)...R...Y...
Combinatorial parallel shaft helical gear units



F(FF、FA、FAF、FAZ)S...R...
Shaft input combinatorial parallel shaft helical gear units



F(FF、FA、FAF、FAZ)...Y...
When equipping the user's motor or the special one,the flange is required to be connected

Type Designations:

F F 37 – Y 0.55-4P – 23.88 – M1 – 270°

- Gear units type
- Structure
- Size
- Motor code
- Motor power、pole
- Ratio
- Mounting position
- Position of the motor thermal box

Gear units type:
Parallel shaft helicel gear units

Structure:

Foot-mounted solid shaft output	(—)
Hollow shaft output	A
Flange-mounted solid shaft output	F
Flange-mounted hollow shaft output	AF
Short-flange-mounted hollow shaft output	AZ
Foot-mounted solid shaft output, shaft input	S
Hollow shaft output,shaft input	AS
Flange-mounted solid shaft output,shaft input	FS
Flange-mounted hollow shaft output,shaft input	AFS

Size:
(see selection table)

Motor code:

Ordinary(renew)	Y(Y2)
Flame-proof	B
Direct current	Z
Brake	YEJ
Multi-speed	D
Variable frequency	YVP
Electromagnetism speed modulation	YCT
Hoisting in metallurgy	R
Variable frequency and brake	YVPJ
Roller tables	G

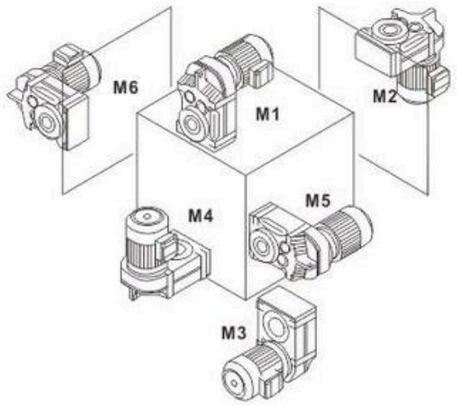
Motor power、pole :
(see selection table)

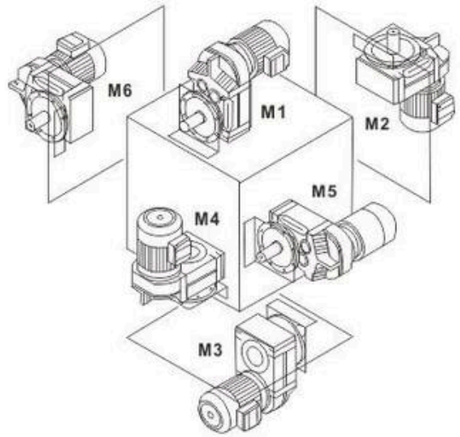
Ratio:
(see selection table)

Mounting position:
M1、M2、M3、M4、M5、M6、(see page 163)

Position of the motor thermal box:
0° 、90° 、180° 、270° (see page 163)

Mounting position:





Position of the motor thermal box



0°



90°



180°



270°

Input power rating and permissible torque

Size	37	47	57	67	77	87	97	107	127	157
Structure	F FA FF FAF FAZ									
Input power rating (kw)	0.18~3.0	0.18~3.0	0.18~5.5	0.18~5.5	0.37~11	0.75~22	1.1~30	2.2~45	7.5~90	11~200
Ratio	3.81~ 128.51	5.06~ 189.39	5.18~ 199.70	4.21~ 228.99	4.30~ 281.71	4.12~ 270.68	4.68~ 280.76	6.20~ 254.40	4.63~ 172.17	11.92~ 267.43
Permissible torque (N.M)	200	400	600	820	1500	3000	4300	7840	12000	18000

Gear unit weight

Size	37	47	57	67	77	87	97	107	127	157
Weight (kg)	13	17	34	55	90	150	260	402	700	950

The weights are mean values, only for reference.

Lubrication table

F...

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
F37	1	1.2	0.7	1.2	1	1.1
F47	1.5	1.8	1.1	1.9	1.5	1.7
F57	2.6	3.7	2.1	3.5	2.8	2.9
F67	2.7	3.8	1.9	3.8	2.9	3.2
F77	5	7.3	4.3	8	6	6.3
F87	10	13.0	7.7	13.8	10.8	11
F97	18.5	22.5	12.6	25.2	18.5	20
F107	24.5	32	19.5	37.5	27	27
F127	40.5	55	34	61	46.5	47
F157	69	104	63	105	86	78

FF...:

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
FF37	1	1.2	0.7	1.3	1	1.1
FF47	1.6	1.9	1.1	1.9	1.5	1.7
FF57	2.8	3.8	2.1	3.7	2.9	3
FF67	2.7	3.8	1.9	3.8	2.9	3.2
FF77	5.1	7.3	4.3	8.1	6	6.3
FF87	10.3	13.2	7.8	14.1	11	11.2
FF97	19	22.5	12.6	25.5	18.9	20.5
FF107	25.5	32	19.5	38.5	27.5	28
FF127	41.5	56	34	63	46.5	49
FF157	72	105	64	106	87	79

FA..、FAF..、FAZ...:

Size	Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
F..37	1	1.2	0.7	1.2	1	1
F..47	1.5	1.8	1.1	1.9	1.5	1.7
F..57	2.7	3.8	2.1	3.6	2.9	3
F..67	2.7	3.8	1.9	3.8	2.9	3.2
F..77	5	7.3	4.3	8	6	6.3
F..87	10	13.0	7.7	13.8	10.8	11
F..97	18.5	22.5	12.6	25.0	18.5	20
F..107	24.5	32	19.5	37.5	27	27
F..127	39	55	34	61	45	46.5
F..157	68	103	62	104	85	77

Note: 1. The shaft input type does not have all the contents of the motor.

2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified

3. The mounting position of M1 as shown in the mounting position example(page 166–168)is the default way when supplying unless otherwise specified.

4. 0° as shown in the mounting position example(page 166–168) is the default connection box angle when supplying unless otherwise specified.

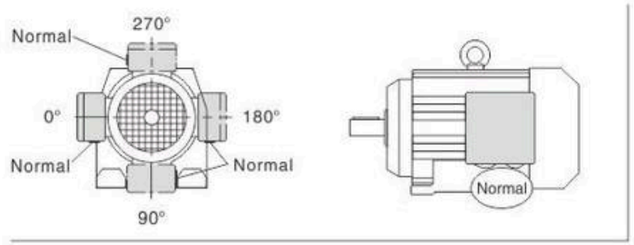
5. Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.

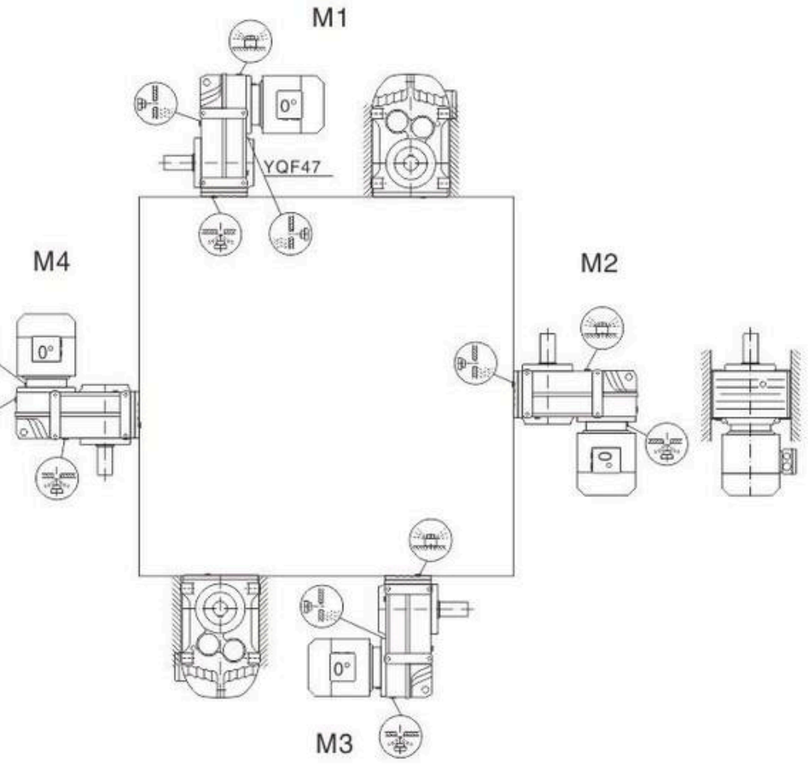
Explanation of mounting position example

Breather valve Oil level plug Oil drain plug

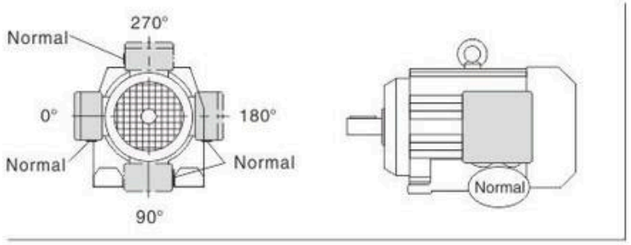
YUQIU MACHINERY Through the ISO9001:2015 international system certification

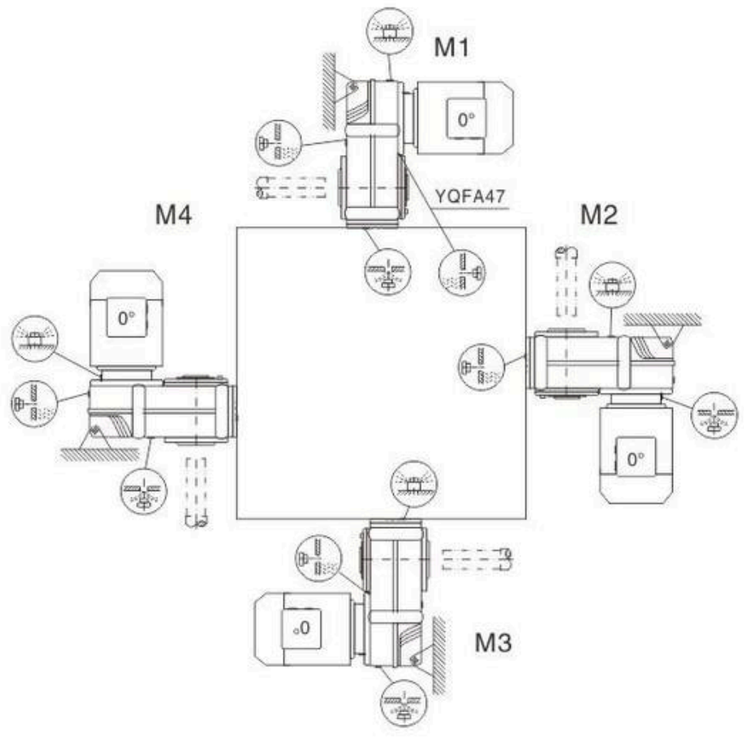
YQF/YQFAB37–157 Mounting position example

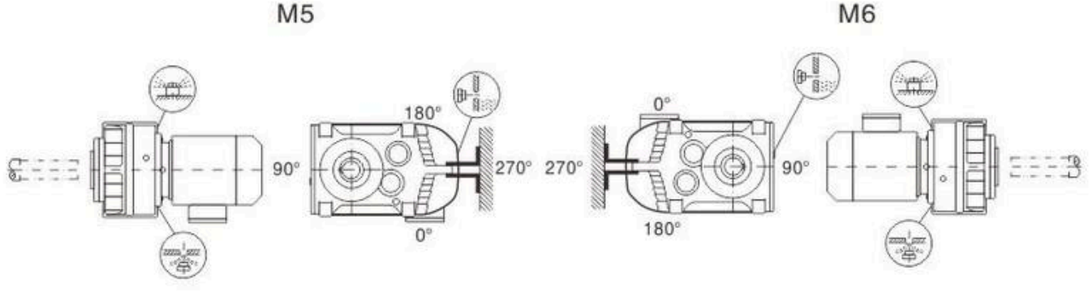




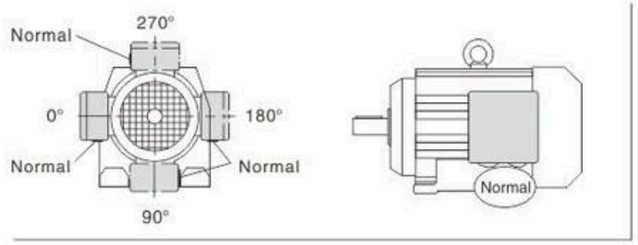
YQFA37–157 Mounting position example

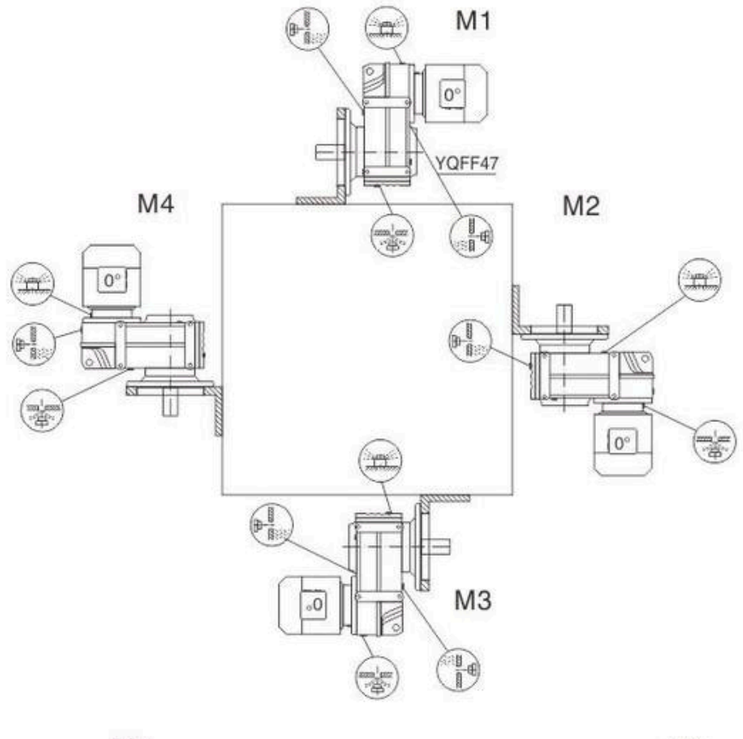


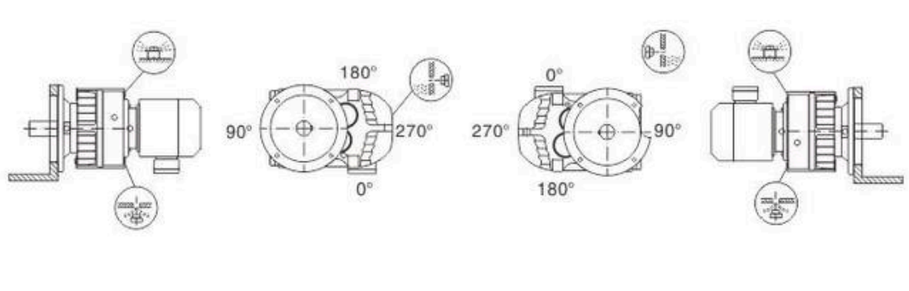




YQFF/YQFAF/YQFAZ Mounting position example







Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12KW						
0.06	15000	22323	84600	0.80		
0.07	12600	19048	89300	0.95	YQFA 127R77	4
0.08	10800	16656	90000	1.10	YQFAF 127R77	4
0.09	9870	14722	90000	1.20	YQF 127R77	4
0.11	7980	12912	90000	1.50	YQFF 127R77	4
0.12	7090	11656	90000	1.70		
0.14	6300	10191	90000	1.90		
0.09	9590	14767	44400	0.80		
0.12	7610	11348	50000	1.00		
0.14	5890	10039	54300	1.30		
0.16	4880	8548	56600	1.55	YQFA 107R77	4
0.18	4740	7674	56900	1.60	YQFAF 107R77	4
0.20	4120	6767	58200	1.85	YQF 107R77	4
0.23	3530	5954	59400	2.2	YQFF 107R77	4
0.26	3070	5223	60300	2.5		
0.30	2890	4567	60600	2.7		
0.39	2140	3521	61900	3.6		
0.19	4800	7328	23100	0.90	YQFA 97 R57	4
0.21	4040	6469	30700	1.05	YQFAF 97 R57	4
0.25	3680	5615	31600	1.15	YQF 97 R57	4
0.28	3200	4961	32800	1.35	YQFF 97 R57	4
0.32	2800	4333	33800	1.55		
0.35	2550	3906	34300	1.70	YQFA 97 R57	4
0.41	2210	3352	35000	1.95	YQFAF 97 R57	4
0.47	1820	2907	36700	2.4	YQF 97 R57	4
0.54	1670	2553	36000	2.6	YQFF 97 R57	4
0.28	3250	4954	3640	0.90	YQFA 87 R57	4
0.33	2690	4245	24100	1.10	YQFAF 87 R57	4
0.37	2200	3721	25800	1.35	YQF 87 R57	4
					YQFF 87 R57	4
0.43	2140	3244	26000	1.40		
0.48	1900	2881	26700	1.60		
0.54	1700	2576	27300	1.75		
0.63	1440	2199	28000	2.1	YQFA 87 R57	4
0.72	1240	1930	28400	2.4	YQFAF 87 R57	4
0.81	1120	1709	28700	2.7	YQF 87 R57	4
0.92	980	1493	29000	3.0	YQFF 87 R57	4
1.1	785	1300	29400	3.8		
1.2	710	1148	29500	4.2		
0.53	1750	2613	13800	0.85	YQFA 77 R37	4
0.60	1520	2284	15600	1.00	YQFAF 77 R37	4
0.68	1340	2029	16700	1.10	YQF 77 R37	4
					YQFF 77 R37	4
0.80	1130	1728	17800	1.35		
0.89	1040	1544	18200	1.45		
1.0	910	1354	18600	1.65	YQFA 77 R37	4
1.1	810	1200	19000	1.85	YQFAF 77 R37	4
1.3	710	1053	19200	2.1	YQF 77 R37	4
1.5	605	910	19500	2.5	YQFF 77 R37	4
1.7	510	810	19700	2.9		
1.9	445	710	19800	3.4		
0.97	920	1429	9270	0.90		
1.1	830	1271	10200	1.00		
1.2	700	1102	11300	1.15		
1.4	615	970	11800	1.35	YQFA 67 R37	4
1.6	540	858	12200	1.50	YQFAF 67 R37	4
1.8	475	755	12500	1.95	YQF 67 R37	4
2.2	405	641	12800	2.0	YQFF 67 R37	4
2.4	375	572	12900	2.2		
2.7	320	509	13000	2.6		
3.2	275	437	13000	3.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12KW						
1.4	655	967	5860	0.90		
1.6	585	851	9320	1.05	YQFA 57R37	4
1.9	500	738	9920	1.20	YQFAF 57R37	4
2.1	435	646	10400	1.40	YQF 57R37	4
2.5	370	558	10700	1.60	YQFF 57R37	4
2.7	330	506	11000	1.80		
3.0	285	452	11200	2.1		
3.2	295	426	11200	2.0		
3.6	260	382	11300	2.3	YQFA 57R37	4
4.2	225	330	11500	2.7	YQFAF 57R37	4
4.6	200	298	11500	3.0	YQF 57R37	4
5.3	177	262	11500	3.1	YQFF 57R37	4
2.2	425	622	3390	0.95	YQFA 47R17	4
2.5	370	543	6320	1.10	YQFAF 47R17	4
2.9	320	475	6890	1.25	YQF 47R17	4
3.3	280	419	7250	1.45	YQFF 47R17	4
2.6	365	524	6390	1.10		
2.8	340	489	6690	1.20	YQFA 47R17	4
3.2	290	427	7130	1.35	YQFAF 47R17	4
3.6	260	381	7400	1.55	YQF 47R17	4
4.1	225	334	7610	1.75	YQFF 47R17	4
4.7	198	295	7780	2.0		
5.4	166	253	7940	2.4		
4.3	210	322	4130	0.95	YQFA 37R17	4
5.0	184	278	4510	1.10	YQFAF 37R17	4
5.7	157	242	4810	1.30	YQF 37R17	4
6.2	149	221	4890	1.35	YQFF 37R17	4
4.2	225	326	3890	0.90		
4.8	195	285	4370	1.05	YQFA 37R17	4
5.5	170	250	4670	1.20	YQFAF 37R17	4
6.3	150	219	4880	1.35	YQF 37R17	4
7.4	127	186	5080	1.60	YQFF 37R17	4
8.3	114	167	5170	1.75		
3.9	290	228399	13000	2.8	YQFA 67	6
4.6	250	195.39	13000	3.3	YQFAF 67	6
5.3	220	170.85	13000	3.8	YQF 67	6
5.6	205	162.21	13000	4.0	YQFF 67	6
6.3	181	142.40	13000	4.5		
4.5	255	199.70	11400	2.4		
4.9	235	183.60	11500	2.6	YQFA 57	6
5.7	200	157.09	11500	3.0	YQFAF 57	6
6.6	173	136.16	11500	3.5	YQF 57	6
7.1	162	127.27	11500	3.7	YQFF 57	6
6.9	166	199.70	11500	3.6	YQFA 57	4
7.5	153	183.60	11500	3.9	YQFAF 57	4
8.8	130	157.09	11500	4.6	YQF 57	4
10	113	136.16	11500	5.3	YQFF 57	4
4.7	245	190.76	7510	1.65		
5.1	225	175.38	7640	1.80		
6.0	191	150.06	7820	2.1	YQFA 47	6
6.9	166	130.07	7940	2.4	YQFAF 47	6
7.4	155	121.57	7990	2.6	YQF 47	6
8.6	134	105.09	8070	3.0	YQFF 47	6
10	114	89.29	8130	3.5		
11	102	79.72	8160	3.9		
7.2	158	190.76	7970	2.5	YQFA 47	
7.9	146	175.38	8020	2.8	YQFAF 47	
9.2	125	150.06	8100	3.2	YQF 47	
11	108	130.07	8150	3.7	YQFF 47	
7.0	164	128.51	4740	1.20	YQFA 37	6
7.6	150	117.88	4880	1.35	YQFAF 37	6
9.0	128	100.36	5070	1.55	YQF 37	6
10	110	86.53	5190	1.80	YQFF 37	6
11	103	80.65	5240	1.95		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.12KW						
11	107	128.51	5220	1.85		
12	98	117.88	5270	2.0		
14	83	100.36	5340	2.4		
16	72	86.53	5400	2.8		
17	67	50.65	5410	3.0		
20	59	70.50	5440	3.4		
21	55	66.09	5460	3.6	YQFA 37	4
24	48	58.32	5470	4.1	YQFAF 37	4
25	45	54.54	5480	4.4	YQF 37	4
27	43	51.70	5490	4.7	YQFF 37	4
29	39	47.02	5500	5.1		
31	36	43.83	5500	5.5		
36	32	38.31	5510	6.3		
38	30	35.91	5520	6.7		
44	26	31.69	5520	7.6		
49	23	28.09	5520	8.6		
58	20	23.88	5270	10		
58	20	23.63	5250	10		
67	17	20.57	5030	12		
72	16	19.27	4930	13		
81	14	17.03	4740	14		
89	13	15.81	4630	15		
96	12	14.33	4490	17		
107	11	12.87	4330	19	YQFA 37	4
125	9.2	11.08	4130	21	YQFAF 37	4
132	87	10.42	4050	21	YQF 37	4
154	7.4	8.97	3860	24	YQFF 37	4
186	6.2	7.44	3630	23		
205	5.6	6.44	3510	25		
228	5.0	6.05	3390	27		
265	4.3	5.21	3230	29		
282	4.1	4.90	3170	29		
327	3.5	4.22	3020	31		
0.18KW						
0.10	13500	12912	87500	0.90		
0.11	12100	11656	90000	1.00	YQFA 127R77	4
0.13	10700	10191	90000	1.10	YQFAF 127R77	4
0.15	8980	8831	90000	1.35	YQF 127R77	4
0.17	7770	7643	90000	1.55	YQFF 127R77	4
0.20	7150	6715	90000	1.70		
0.15	8560	8548	47400	0.90		
0.17	8050	7674	28800	0.95	YQFA 107R77	4
0.20	7030	6767	51500	1.10	YQFAF 107R77	4
0.22	6090	5954	53800	1.25	YQF 107R77	4
0.25	5310	5223	55600	1.45	YQFF 107R77	4
0.29	4860	4567	56600	1.60		
0.37	3660	3521	59100	2.1		
0.43	3170	3037	60100	2.4	YQFA 107R77	4
0.48	2880	2756	60600	2.7	YQFAF 107R77	4
0.56	2470	2369	61400	3.1	YQF 107R77	4
0.64	2160	2068	61900	3.6	YQFF 107R77	4
0.30	4660	4330	27900	0.90	YQFA 97 R57	4
					YQFAF 97 R57	4
					YQF 97 R57	4
					YQFF 107R77	4
0.34	4260	3906	30000	1.00		
0.39	3670	3352	31600	1.15		
0.45	3100	2907	33100	1.40		
0.52	2790	2553	33800	1.55	YQFA 97 R57	4
0.59	2450	2245	34500	1.75	YQFAF 97 R57	4
0.67	2130	1970	35200	2.0	YQF 97 R57	4
0.77	1890	1722	35600	2.3	YQFF 97 R57	4
0.86	1670	1527	36000	2.6		
0.99	1380	1327	36500	3.1		
1.1	1280	1171	36600	3.3		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.18KW						
0.46	3160	2881	12300	0.95		
0.51	2820	2576	23600	1.05		
0.60	2400	2199	25200	1.25		
0.68	2080	1930	26200	1.45	YQFA 87 R57	4
0.77	1860	1709	26800	1.60	YQFAF 87 R57	4
0.88	1640	1493	27500	1.85	YQF 87 R57	4
1.0	1350	1300	28200	2.2	YQFF 87 R57	4
1.1	1210	1148	28500	2.5		
1.3	1050	1010	28900	2.9		
1.5	940	887	29100	3.2		
1.7	810	780	29400	3.7		
0.76	1880	1728	7810	0.80		
0.86	1710	1544	14100	0.90		
0.98	1500	1354	15700	1.00	YQFA 77 R37	4
1.1	1330	1200	16800	1.15	YQFAF 77 R37	4
1.2	1170	1053	17600	1.30	YQF 77 R37	4
1.5	1000	910	18300	1.50	YQFF 77 R37	4
1.6	860	810	18800	1.75		
1.9	755	710	19100	2.0		
2.2	670	615	19300	2.2		
1.5	910	858	9370	0.90		
1.8	800	755	10400	1.00	YQFA 67 R37	4
2.1	685	641	11400	1.20	YQFAF 67 R37	4
2.3	625	572	11800	1.30	YQF 67 R37	4
2.6	540	509	12200	1.50	YQFF 67 R37	4
3.0	470	437	12600	1.75		
3.4	420	384	12700	1.95		
2.6	560	500	12100	1.45		
2.9	510	454	12400	1.60		
3.4	440	392	12700	1.85	YQFA 67 R37	4
4.0	370	333	12900	2.2	YQFAF 67 R37	4
4.4	325	297	13000	2.5	YQF 67 R37	4
5.1	285	261	13000	2.9	YQFF 67 R37	4
5.6	260	238	13000	3.2		
6.6	215	200	13000	3.8		
2.4	615	558	9080	1.00		
2.6	550	506	9560	1.10	YQFA 57 R37	4
2.9	485	452	10000	1.25	YQFAF 57 R37	4
3.4	415	386	10500	1.45	YQF 57 R37	4
3.9	360	338	10800	1.65	YQFF 57 R37	4
3.1	485	426	10000	1.25		
3.5	430	382	10400	1.40		
4.0	370	330	10700	1.60	YQFA 57 R37	4
4.4	335	298	11000	1.80	YQFAF 57 R37	4
5.0	290	262	11200	2.0	YQF 57 R37	4
5.8	250	226	11400	2.4	YQFF 57 R37	4
6.6	215	200	11500	2.8		
3.6	400	370	5920	1.00	YQFA 47 R17	4
4.1	365	324	6410	1.10	YQFAF 47 R17	4
4.6	315	288	6910	1.25	YQF 47 R17	4
5.3	270	249	7310	1.50	YQFF 47 R17	4
4.0	375	334	6260	1.05		
4.5	330	295	6780	1.20	YQFA 47 R17	4
5.2	280	253	7250	1.45	YQFAF 47 R17	4
6.1	245	217	7490	1.60	YQF 47 R17	4
7.0	215	190	7690	1.85	YQFF 47 R17	4
7.4	200	178	7770	2.0		
7.1	210	186	4160	0.95	YQFA 37 R17	4
7.9	188	167	4460	1.05	YQFAF 37 R17	4
9.1	166	145	4720	1.20	YQF 37 R17	4
10	146	129	4910	1.35	YQFF 37 R17	4
3.1	555	281.71	19600	2.7	YQFA 77	6
3.3	520	262.93	19700	2.9	YQFAF 77	6
3.8	445	225.79	19800	3.4	YQF 77	6
					YQFF 77	6

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.18KW						
3.8	450	228.99	12600	1.80	YQFA 77	6
4.4	385	195.39	12900	2.1	YQFAF 77	6
5.1	340	170.85	13000	2.4	YQF 77	6
					YQFF 77	6
5.8	300	228.99	13000	2.8	YQFA 67	4
6.8	255	195.39	13000	3.2	YQFAF 67	4
7.7	225	170.85	13000	3.7	YQF 67	4
					YQFF 67	4
4.4	395	199.70	10600	1.50		
4.7	365	183.60	10800	1.65	YQFA 57	6
5.5	310	157.09	11100	1.95	YQFAF 57	6
6.4	270	136.16	11300	2.2	YQF 57	6
6.8	250	127.27	11400	2.4	YQFF 57	6
7.9	215	110.01	11500	2.8		
6.6	260	199.70	11300	2.3	YQFA 57	4
7.2	240	183.60	11500	2.5	YQFAF 57	4
8.4	205	157.09	11500	2.9	YQF 57	4
9.7	177	136.16	11500	3.4	YQFF 57	4
10	166	127.27	11500	3.6		
4.6	375	190.76	6240	1.05	YQFA 47	6
5.0	345	175.38	6600	1.15	YQFAF 47	6
5.8	295	150.06	7090	1.35	YQF 47	6
6.7	255	130.07	7410	1.55	YQFF 47	6
7.2	240	121.57	7530	1.65		
6.9	250	190.76	7470	1.06	YQFA 47	4
7.5	230	175.38	7610	1.75	YQFAF 47	4
8.8	195	150.06	7800	2.0	YQF 47	4
10	169	130.07	7920	2.4	YQFF 47	4
11	158	121.57	7970	2.5		
7.4	235	117.88	3750	0.85	YQFA 37	6
8.7	198	100.36	4320	1.00	YQFAF 37	6
10	171	86.53	4660	1.15	YQF 37	6
11	159	80.65	4790	1.25	YQFF 37	6
12	139	70.50	4970	1.45		
10	167	128.51	4700	1.20		
11	154	117.88	48500	1.30		
13	131	100.36	5050	1.55		
15	113	86.53	5180	1.75		
16	105	80.65	5230	1.90		
19	92	70.50	5300	2.2		
20	86	66.09	5330	2.3	YQFA 37	4
23	76	58.32	5380	2.6	YQFAF 37	4
24	71	54.54	5400	2.8	YQF 37	4
26	67	51.70	5410	3.0	YQFF 37	4
28	61	47.02	5440	3.3		
30	57	43.83	5450	3.5		
34	50	38.31	5470	4.0		
37	47	35.91	5480	4.3		
42	41	31.69	5490	4.8		
47	37	28.09	5500	5.5		
55	31	23.88	5260	6.4		
56	31	23.63	5240	6.5		
64	27	20.57	5030	7.5		
69	25	19.27	4930	8.0		
78	22	17.03	4740	9.0		
83	21	15.81	4640	9.7		
92	19	14.33	4500	11		
103	17	12.87	4350	12	YQFA 37	4
119	14	11.08	4150	13	YQFAF 37	4
127	14	10.42	4070	14	YQF 37	4
147	12	8.97	3880	15	YQFF 37	4
178	9.7	7.44	3650	15		
196	8.8	6.74	3540	16		
218	7.9	60.5	3420	17		
253	6.8	5.21	3260	18		
269	6.4	4.90	3190	19		
313	5.5	4.22	3040	20		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25KW						
0.15	13300	8831	88000	0.90		
0.17	11500	7643	90000	1.05	YQFA 127 R77	4
0.19	10400	6715	90000	1.15	YQFAF 127 R77	4
0.22	9190	5925	90000	1.30	YQF 127 R77	4
0.25	7860	5153	90000	1.55	YQFF 127 R77	4
0.29	6850	4533	90000	1.75		
0.22	9000	5954	46200	0.85	YQFA 107 R77	4
0.25	7860	5223	49300	1.00	YQFAF 107 R77	4
0.28	7090	4567	51400	1.10	YQF 107 R77	4
0.37	5370	3521	55500	1.45	YQFF 107 R77	4
0.43	4680	3037	57000	1.65		
0.47	4240	2756	57900	1.80	YQFA 107 R77	4
0.55	3650	2369	59100	2.1	YQFAF 107 R77	4
0.63	3180	2068	60000	2.4	YQF 107 R77	4
0.81	2440	1597	61400	3.2	YQFF 107 R77	4
0.93	2110	1401	62000	3.6		
0.45	4530	2907	29200	0.95		
0.51	4050	2553	30600	1.05		
0.58	3560	2245	31900	1.20	YQFA 97 R57	4
0.66	3100	1970	33100	1.40	YQFAF 97 R57	4
0.75	2740	1722	33900	1.55	YQF 97 R57	4
0.85	2430	1527	34600	1.75	YQFF 97 R57	4
0.98	2040	1327	35300	2.1		
1.1	1860	1170	35600	2.3		
1.3	1630	1022	36100	2.6		
0.67	3040	1930	18200	1.00		
0.76	2710	1709	24000	1.10		
0.87	2380	1493	25200	1.25	YQFA 87 R57	4
1.0	1990	1300	26500	1.50	YQFAF 87 R57	4
1.1	1780	1148	27100	1.70	YQF 87 R57	4
1.3	1550	1010	27700	1.95	YQFF 87 R57	4
1.5	1370	887	28100	2.2		
1.7	1200	780	28500	2.5		
1.9	1020	674	28900	2.9		
1.2	1690	1053	14300	0.90		
1.4	1450	910	16000	1.05		
1.6	1260	810	17100	1.20	YQFA 77 R37	4
1.8	1110	710	17900	1.35	YQFAF 77 R37	4
2.1	970	615	18400	1.55	YQF 77 R37	4
2.4	850	538	18800	1.75	YQFF 77 R37	4
2.7	760	480	19100	2.0		
3.2	645	413	19400	2.3		
2.0	1000	641	2370	0.80	YQFA 67 R37	4
2.3	910	572	9440	0.90	YQFAF 67 R37	4
2.6	795	509	10500	1.05	YQF 67 R37	4
3.0	685	437	11400	1.20	YQFF 67 R37	4
2.6	810	500	10400	1.00		
2.9	740	454	11000	1.10		
3.3	635	392	11700	1.30	YQFA 67 R37	4
3.9	535	333	12200	1.55	YQFAF 67 R37	4
4.4	475	297	12500	1.70	YQF 67 R37	4
5.0	420	261	12700	1.95	YQFF 67 R37	4
5.5	375	238	12900	2.2		
3.4	605	386	9170	1.00	YQFA 57 R37	4
3.8	525	338	9740	1.15	YQFAF 57 R37	4
5.1	400	255	10600	1.50	YQF 57 R37	4
					YQFF 57 R37	4
3.4	625	382	8710	0.95		
3.9	535	330	9680	1.10		
4.4	485	298	10000	1.25	YQFA 57 R37	4
5.0	425	262	10400	1.40	YQFAF 57 R37	4
5.8	360	226	10800	1.65	YQF 57 R37	4
6.5	320	200	11000	1.90	YQFF 57 R37	4
7.7	270	170	11300	2.2		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kw						
5.2	395	249	6020	1.00	YQFA 47 R17	4
6.0	350	218	6580	1.15	YQFAF 47 R17	4
6.7	305	193	7000	1.30	YQF 47 R17	4
7.4	280	175	7250	1.45	YQFF 47 R17	4
5.1	405	253	5850	1.00		
6.0	355	217	6490	1.10	YQFA 47 R17	4
6.8	310	190	6970	1.30	YQFAF 47 R17	4
7.3	290	178	7150	1.40	YQF 47 R17	4
8.7	240	149	7520	1.65	YQFF 47 R17	4
9.9	210	131	7710	1.90		
8.9	240	145	3640	0.85	YQFA 37 R17	4
10	210	129	4130	0.95	YQFAF 37 R17	4
11	193	118	4390	1.05	YQF 37 R17	4
13	160	98	4780	1.25	YQFF 37 R17	4
15	140	87	4970	1.45		
3.1	765	281.71	19100	1.95	YQFA 77	6
3.3	715	262.93	19200	2.1	YQFAF 77	6
3.9	615	225.79	19500	2.5	YQF 77	6
4.4	540	198.31	19600	2.8	YQFF 77	6
4.7	510	188.40	19700	2.9		
3.8	620	228.99	11800	1.30	YQFA 67	6
4.5	530	195.39	12300	1.55	YQFAF 67	6
5.2	465	170.85	12600	1.75	YQF 67	6
5.4	440	162.31	12700	1.85	YQFF 67	6
6.2	385	142.40	12900	2.1		
5.7	420	228.99	12700	1.95	YQFA 67	4
6.7	360	195.39	13000	2.3	YQFAF 67	4
7.6	315	170.85	13000	2.6	YQF 67	4
8.0	300	162.31	13000	2.8	YQFF 67	4
9.1	260	142.40	13000	3.1		
4.4	540	199.70	9630	1.10		
4.8	500	183.60	9940	1.20	YQFA 57	6
5.6	425	157.09	10400	1.40	YQFAF 57	6
6.5	370	136.16	10800	1.60	YQF 57	6
6.9	345	127.27	10900	1.75	YQFF 57	6
8.0	300	110.01	11100	2.0		
6.5	365	199.70	10800	1.65		
7.1	335	183.60	10900	1.80	YQFA 57	4
8.3	290	157.09	11200	2.1	YQFAF 57	4
9.6	250	136.16	11400	2.4	YQF 57	4
10	235	127.27	11500	2.6	YQFF 57	4
12	200	110.01	11500	3.0		
5.9	405	150.06	5750	1.00	YQFA 47	6
6.8	355	130.07	6530	1.15	YQFAF 47	6
7.2	330	121.57	6770	1.20	YQF 47	6
8.4	285	105.09	7190	1.40	YQFF 47	6
6.8	350	190.76	6550	1.15		
7.4	320	175.38	6850	1.25	YQFA 47	4
8.7	275	150.06	7270	1.45	YQFAF 47	4
10	240	130.07	7540	1.65	YQF 47	4
11	225	121.57	7640	1.80	YQFF 47	4
12	193	105.09	7810	2.1		
15	164	89.29	7950	2.4		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
0.25kw						
10	235	128.51	3690	0.85		
11	215	117.88	4040	0.90		
13	184	100.36	4500	1.10		
15	159	86.53	4790	1.25		
16	148	80.65	4900	1.35		
18	130	70.50	5060	1.55		
20	121	66.09	5120	1.65	YQFA 37	4
22	107	58.32	5210	1.85	YQFAF 37	4
24	100	54.54	5260	2.0	YQF 37	4
25	95	51.70	5280	2.1	YQFF 37	4
28	86	47.02	5330	2.3		
30	81	43.83	5360	2.5		
34	70	38.31	5400	2.8		
36	66	35.91	5420	3.0		
41	58	31.69	5450	3.4		
46	52	28.09	5430	3.9		
54	44	23.88	5180	4.6		
55	43	23.63	5170	4.6		
63	38	20.57	4960	5.3		
67	35	19.27	4870	5.7		
76	31	17.03	4690	6.4		
82	29	15.81	4590	6.9		
91	26	14.33	4460	7.6		
101	24	12.87	4320	8.5	YQFA 37	4
117	20	11.08	4120	9.3	YQFAF 37	4
125	19	10.42	4050	9.7	YQF 37	4
145	17	8.97	3860	11	YQFF 37	4
175	14	7.44	3630	11		
193	12	6.74	3520	11		
215	11	6.05	3410	12		
249	9.6	5.21	3250	13		
265	9.0	4.90	3190	13		
308	7.7	4.22	3040	14		
0.37KW						
0.21	14900	6715	84800	0.80		
0.23	13100	5925	88300	0.90	YQFA 127 R77	4
0.27	11300	5153	90000	1.05	YQFAF 127 R77	4
0.30	9850	4533	90000	1.20	YQF 127 R77	4
0.35	8590	3926	90000	1.40	YQFF 127 R77	4
0.40	7510	3454	90000	1.60		
0.46	6570	3031	90000	1.85		
0.45	6720	3037	52300	1.15	YQFA 107 R77	4
0.50	6090	2756	53800	1.25	YQFAF 107 R77	4
0.58	5240	2369	55800	1.45	YQF 107 R77	4
0.67	4570	2068	57200	1.70	YQFF 107 R77	4
0.86	3510	1597	59400	2.2		
0.61	5070	2245	5160	0.85		
0.70	4430	1970	29500	0.95		
0.80	3900	1722	31000	1.10	YQFA 97 R57	4
0.90	3460	1527	32200	1.25	YQFAF 97 R57	4
1.0	2930	1327	33500	1.45	YQF 97 R57	4
1.2	2650	1171	34100	1.60	YQFF 97 R57	4
1.4	2310	1022	34800	1.85		
1.5	1960	898	35500	2.2		
1.1	2870	1300	23400	1.05		
1.2	2550	1148	24600	1.20		
1.4	2230	1010	25700	1.35	YQFA 87 R57	4
1.6	1970	887	26500	1.50	YQFAF 87 R57	4
1.8	1720	780	27200	1.75	YQF 87 R57	4
2.0	1470	674	27900	2.0	YQFF 87 R57	4
2.3	1340	609	28200	2.2		
2.7	1130	515	28700	2.7		
3.0	1000	452	29000	3.0		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.37kw						
1.7	1810	810	13300	0.85		
1.9	1590	710	15100	0.95		
2.2	1390	615	16400	1.10	YQFA 77 R37	4
2.6	1210	538	17400	1.25	YQFAF 77 R37	4
2.9	1080	480	18000	1.40	YQF 77 R37	4
3.3	920	413	18600	1.65	YQFF 77 R37	4
3.8	830	367	18900	1.80		
4.3	730	323	19200	2.0		
3.2	980	437	5750	0.85		
3.6	870	384	9880	0.95	YQFA 67 R37	4
4.1	770	338	10800	1.05	YQFAF 67 R37	4
4.5	685	305	11400	1.20	YQF 67 R37	4
5.4	575	257	12000	1.40	YQFF 67 R37	4
6.0	510	231	12400	1.60		
5.4	570	255	9420	1.05	YQFA 57 R37	4
6.9	445	201	10300	1.35	YQFAF 57 R37	4
7.6	405	181	10500	1.50	YQF 57 R37	4
					YQFF 57 R37	4
5.3	605	262	9170	1.00		
6.1	515	226	9810	1.15	YQFA 57 R37	4
6.9	455	200	10200	1.30	YQFAF 57 R37	4
8.1	385	170	10700	1.55	YQF 57 R37	4
9.1	345	152	10900	1.75	YQFF 57 R37	4
10	300	134	11100	2.0		
7.9	395	175	5990	1.00	YQFA 47 R17	4
9.4	335	147	6740	1.20	YQFAF 47 R17	4
11	295	130	7110	1.35	YQF 47 R17	4
					YQFF 47 R17	4
2.5	1410	270.68	28100	2.1	YQFA 87	8
2.7	1330	255.37	28200	2.3	YQFAF 87	8
3.0	1190	228.93	28600	2.5	YQF 87	8
3.5	1020	197.20	28900	2.9	YQFF 87	8
3.3	1060	270.68	28800	2.8	YQFA 87	6
3.5	1000	255.37	29000	3.0	YQFAF 87	6
3.9	900	228.93	29200	3.3	YQF 87	6
					YQFF 87	6
4.0	890	225.79	18700	1.70	YQFA 77	6
4.5	780	198.31	19100	1.95	YQFAF 77	6
4.8	740	188.40	19200	2.0	YQF 77	6
5.4	655	166.47	19400	2.3	YQFF 77	6
6.3	560	142.27	19600	2.7		
4.9	720	281.71	19200	2.1	YQFA 77	4
5.2	675	262.93	19300	2.2	YQFAF 77	4
6.1	580	225.79	19500	2.6	YQF 77	4
7.0	510	198.31	19700	3.0	YQFF 77	4
4.6	765	195.39	10800	1.05	YQFA 67	6
5.3	670	170.85	11500	1.20	YQFAF 67	6
5.6	635	162.31	11700	1.30	YQF 67	6
6.3	560	142.40	12100	1.45	YQFF 67	6
7.4	475	120.79	12500	1.75		
6.0	585	228.99	12000	1.40		
7.1	500	195.39	12400	1.65	YQFA 67	4
8.1	435	170.85	12700	1.85	YQFAF 67	4
8.5	415	162.31	12800	1.95	YQF 67	4
9.7	365	142.40	12900	2.2	YQFF 67	4
11	310	120.79	13000	2.7		
5.7	615	157.09	9070	0.95	YQFA 57	6
6.6	535	136.16	9680	1.10	YQFAF 57	6
7.1	500	127.27	9930	1.20	YQF 57	6
8.2	430	110.01	10400	1.40	YQFF 57	6

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.37kw						
6.9	510	199.70	9850	1.15		
7.5	470	183.60	10100	1.30		
8.8	400	157.09	10600	1.50	YQFA 57	4
10	350	136.16	10900	1.70	YQFAF 57	4
11	325	127.27	11000	1.85	YQF 57	4
13	280	110.01	11200	2.1	YQFF 57	4
15	240	93.47	11500	2.5		
17	215	83.46	11500	2.8		
9.2	385	150.06	6140	1.05		
11	335	130.07	6740	1.20	YQFA 47	4
13	270	105.09	7320	1.50	YQFAF 47	4
15	230	89.29	7600	1.75	YQF 47	4
17	205	79.72	7750	1.95	YQFF 47	4
20	174	68.09	7900	2.3		
21	167	65.36	7930	2.4		
16	220	86.53	3960	090		
17	205	80.65	4200	0.95		
20	181	70.50	4550	1.10		
21	169	66.09	4680	1.20		
24	149	58.32	4890	1.35		
25	140	54.54	4970	1.45	YQFA 37	4
27	132	51.70	5030	1.50	YQFAF 37	4
29	120	47.02	5120	1.65	YQF 37	4
31	112	43.83	5180	1.80	YQFF 37	4
36	98	38.31	5270	2.0		
38	92	35.91	5300	2.2		
44	81	31.69	5300	2.5		
49	72	28.09	5140	2.8		
58	61	23.88	4930	3.3		
58	61	23.63	4920	3.3		
67	53	20.57	4740	3.8		
72	49	19.27	4650	4.1		
81	44	17.03	4500	4.6		
87	41	15.81	4400	4.9		
96	37	14.33	4280	5.4		
107	33	12.87	4150	6.1	YQFA 37	4
125	28	11.08	3970	6.7	YQFAF 37	4
132	27	10.42	3900	6.9	YQF 37	4
154	23	8.97	3730	7.6	YQFF 37	4
186	19	7.44	3510	7.6		
205	17	6.74	3410	8.1		
228	16	6.05	3300	8.7		
265	13	5.21	3150	9.4		
282	13	4.90	3090	9.6		
327	11	4.22	2950	10		
0.55kw						
0.22	20500	6295	92000	0.90	YQFA 157 R97	4
0.25	17400	5404	102100	1.05	YQFAF 157 R97	4
0.49	8930	2780	118700	2.0	YQF 157 R97	4
					YQFF 157 R97	4
0.56	7760	2427	120000	2.3	YQFA 157 R97	4
0.81	5520	1674	120000	3.3	YQFAF 157 R97	4
1.0	4220	1308	120000	4.3	YQF 157 R97	4
1.2	3730	1169	120000	4.8	YQFF 157 R97	4
0.35	13300	3926	88000	0.90	YQFA 127 R77	4
0.39	11600	3454	90000	1.05	YQFAF 127 R77	4
0.45	10200	3031	90000	1.20	YQF 127 R77	4
					YQFF 127 R77	4
0.57	8100	2369	48700	0.95		
0.66	7070	2068	51400	1.10		
0.74	6110	1826	53800	1.25		
0.85	5440	1597	55300	1.40	YQFA 107 R77	4
0.97	4750	1401	56900	1.60	YQFAF 107 R77	4
1.1	4160	1243	58100	1.85	YQF 107 R77	4
1.2	3700	1087	59000	2.1	YQFF 107 R77	4
1.4	3180	950	60000	2.4		
1.6	2770	834	60800	2.8		
2.1	2150	640	61900	3.6		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kW						
1.0	4530	1327	29200	0.95		
1.2	4060	1171	30600	1.05		
1.3	3550	1022	32000	1.20		
1.5	3050	898	33200	1.40	YQFA 97 R57	4
1.7	2690	784	34000	1.60	YQFAF 97 R57	4
2.0	2340	690	34700	1.85	YQF 97 R57	4
2.2	2060	605	35300	2.1	YQFF 97 R57	4
2.6	1790	529	35800	2.4		
2.9	1580	467	36100	2.7		
3.4	1360	406	36500	3.2		
3.7	1220	363	36700	3.5		
1.5	3040	887	18200	1.00		
1.7	2660	780	24200	1.15		
2.0	2290	674	25500	1.30	YQFA 87 R57	4
2.2	2080	609	26200	1.45	YQFAF 87 R57	4
2.6	1750	515	27100	1.70	YQF 87 R57	4
3.0	1540	452	27700	1.95	YQFF 87 R57	4
3.9	1160	345	28600	2.6		
2.5	1860	538	9980	0.80		
2.8	1660	480	14600	0.90	YQFA 77 R37	4
3.3	1420	413	16200	1.05	YQFAF 77 R37	4
3.7	1270	367	17100	1.20	YQF 77 R37	4
4.2	1120	323	17800	1.35	YQFF 77 R37	4
5.3	890	257	9660	0.90	YQFA 67 R37	4
5.9	790	231	10600	1.05	YQFAF 67 R37	4
6.6	705	205	11200	1.15	YQF 67 R37	4
7.8	600	175	11900	1.35	YQFF 67 R37	4
2.5	2140	276.77	35100	2.0	YQFA 97	8
2.7	1960	253.41	35500	2.2	YQFAF 97	8
3.0	1730	223.88	35900	2.5	YQF 97	8
					YQFF 97	8
2.5	2090	270.68	26200	1.45	YQFA 87	8
2.7	1970	255.37	26500	1.50	YQFAF 87	8
3.0	1770	228.93	27100	1.70	YQF 87	8
3.5	1520	197.20	27800	1.95	YQFF 87	8
3.3	1580	270.68	27600	1.90	YQFA 87	6
3.5	1490	255.37	27800	2.0	YQFAF 87	6
3.9	1340	228.93	28200	2.2	YQF 87	6
4.6	1150	197.20	28700	2.6	YQFF 87	6
5.0	1050	179.97	28900	2.9		
4.0	1320	225.79	16800	1.15		
4.5	1160	198.31	17600	1.30	YQFA 77	6
4.8	1100	188.40	17900	1.35	YQFAF 77	6
5.4	970	166.47	18400	1.55	YQF 77	6
6.3	830	142.27	18900	1.80	YQFF 77	6
6.9	760	130.42	19100	1.95		
6.0	870	225.79	18800	1.70		
6.9	765	198.31	19100	1.95		
7.2	730	188.40	19200	2.1		
8.2	645	166.47	19400	2.3	YQFA 77	4
9.6	550	142.27	19600	2.7	YQFAF 77	4
10	505	130.42	19700	3.0	YQF 77	4
12	440	114.45	19800	3.4	YQFF 77	4
13	420	108.46	19800	3.6		
14	365	94.93	19900	4.1		
7.0	755	195.39	10900	1.10		
8.0	660	170.85	11500	1.25		
8.4	625	162.31	11700	1.30		
9.6	550	142.40	12200	1.50	YQFA 67	4
11	465	120.79	12600	1.75	YQFAF 67	4
12	420	109.04	12700	1.95	YQF 67	4
14	370	95.94	12900	2.2	YQFF 67	4
15	350	90.59	13000	2.3		
17	310	79.76	13000	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.55kw						
8.7	605	157.09	9150	1.00		
10	525	136.16	9750	1.15		
11	490	127.27	9980	1.20	YQFA 57	4
12	425	110.01	10400	1.40	YQFAF 57	4
15	360	93.47	10800	1.65	YQF 57	4
16	320	83.46	11000	1.85	YQFF 57	4
19	280	72.98	11200	2.1		
20	265	68.22	11300	2.3		
23	230	58.97	11500	2.6		
13	405	105.09	5840	1.00		
15	345	89.29	6620	1.15		
17	310	79.72	6990	1.30	YQFA 47	4
20	265	68.09	7370	1.50	YQFAF 47	4
21	250	65.36	7440	1.60	YQF 47	4
24	220	56.49	7670	1.85	YQFF 47	4
28	185	48.00	7850	2.2		
32	166	42.86	7940	2.4		
23	225	58.32	3890	0.90		
25	210	54.54	4140	0.95		
26	200	51.70	4300	1.00		
29	182	47.02	4540	1.10	YQFA 37	4
31	169	43.83	4680	1.20	YQFAF 37	4
36	148	38.31	4900	1.35	YQF 37	4
38	139	35.91	4980	1.45	YQFF 37	4
43	122	31.69	4990	1.65		
48	109	28.09	4870	1.85		
57	92	23.88	4700	2.2		
58	91	23.63	4690	2.2		
66	79	20.57	4540	2.5		
71	74	19.27	4470	2.7		
80	66	17.03	4340	3.0		
95	55	14.33	4150	3.6		
106	50	12.87	4030	4.0		
123	43	11.08	3870	4.4	YQFA 37	4
130	40	10.42	3810	4.6	YQFAF 37	4
152	35	8.97	3650	5.1	YQF 37	4
170	31	8.01	3540	5.5	YQFF 37	4
183	29	7.44	3440	5.1		
202	26	6.74	3340	5.4		
225	23	6.05	3240	5.8		
261	20	5.21	3100	6.2		
277	19	4.90	3050	6.3		
322	16	4.22	2920	6.8		
361	15	3.77	2820	7.2		
0.75KW						
0.50	12300	2780	113600	1.45	YQFA 157 R97	4
					YQFAF 157 R97	4
					YQF 157 R97	4
					YQFF 157 R97	4
0.57	10700	2427	116200	1.70	YQFA 157 R97	4
0.82	7580	1674	120000	2.4	YQFAF 157 R97	4
1.1	5830	1308	120000	3.1	YQF 157 R97	4
1.2	5170	1169	120000	3.5	YQFF 157 R97	4
0.46	13800	3031	86900	0.85	YQFA 127 R77	4
					YQFAF 127 R77	4
					YQF 127 R77	4
					YQFF 127 R77	4
0.52	12400	2672	89600	0.95	YQFA 127 R77	4
0.59	10900	2357	90000	1.10	YQFAF 127 R77	4
0.68	9390	2038	90000	1.30	YQF 127 R77	4
0.77	8190	1784	90000	1.45	YQFF 127 R77	4
0.86	7350	1606	90000	1.65		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kW						
0.76	8360	1826	48000	0.90		
0.86	7400	1597	50500	1.05		
0.98	6470	1401	52900	1.20	YQFA 107 R77	4
1.1	5690	1243	54800	1.35	YQFAF 107 R77	4
1.3	5040	1087	56200	1.50	YQF 107 R77	4
1.5	4350	950	57700	1.75	YQFF 107 R77	4
1.7	3800	834	58800	2.0		
2.2	2940	640	60500	2.6		
3.2	2000	436	62200	3.8		
1.4	4810	1022	22800	0.90		
1.5	4150	898	30300	1.05		
1.8	3660	784	31700	1.20		
2.0	3190	690	32900	1.35	YQFA 97 R57	4
2.3	2800	605	33800	1.55	YQFAF 97 R57	4
2.6	2440	529	34500	1.75	YQF 97 R57	4
3.0	2160	467	35100	2.0	YQFF 97 R57	4
3.4	1860	406	35600	2.3		
3.8	1670	363	36000	2.6		
2.0	3120	674	14700	0.95		
2.3	2830	609	23600	1.05	YQFA 87 R57	4
2.7	2390	515	25200	1.25	YQFAF 87 R57	4
3.0	2100	452	26100	1.45	YQF 87 R57	4
4.0	1590	345	27600	1.90	YQFF 87 R57	4
3.8	1720	367	14100	0.85	YQFA 77 R37	4
4.3	1520	323	15600	1.00	YQFAF 77 R37	4
4.9	1310	280	16900	1.15	YQF 77 R37	4
					YQFF 77 R37	4
2.7	2640	254.40	61100	2.9	YQFA 107	8
					YQFAF 107	8
					YQF 107	8
					YQFF 107	8
2.5	2870	276.77	33600	1.50	YQFA 97	8
2.7	2630	253.41	34100	1.65	YQFAF 97	8
3.1	2320	223.88	34800	1.85	YQF 97	8
					YQFF 97	8
3.2	2200	276.77	35000	1.95	YQFA 97	6
3.5	2020	253.41	35400	2.1	YQFAF 97	6
4.0	1780	223.88	35800	2.4	YQF 97	6
					YQFF 97	6
3.3	2150	270.68	26000	1.40		
3.5	2030	255.37	26300	1.50	YQFA 87	6
3.9	1820	228.93	27000	1.65	YQFAF 87	6
4.6	1570	197.20	27600	1.90	YQF 87	6
5.0	1430	179.97	28000	2.1	YQFF 87	6
5.6	1270	156.61	28400	2.4		
5.1	1400	270.68	28100	2.1	YQFA 87	4
5.4	1330	255.37	28200	2.3	YQFAF 87	4
6.0	1190	228.93	28600	2.5	YQF 87	4
					YQFF 87	4
4.5	1580	198.31	15200	0.95		
4.8	1500	188.40	15700	1.00	YQFA 77	6
5.4	1320	166.47	16800	1.15	YQFAF 77	6
6.3	1130	142.27	17800	1.30	YQF 77	6
6.9	1040	130.42	18200	1.45	YQFF 77	6
6.1	1170	225.79	17600	1.30	YQFA 77	4
7.0	1030	198.31	18200	1.45	YQFAF 77	4
7.3	980	188.40	18400	1.55	YQF 77	4
					YQFF 77	4
8.3	860	160.47	18800	1.75		
9.7	740	142.27	19200	2.0	YQFA 77	4
11	675	130.42	19300	2.2	YQFAF 77	4
12	595	114.45	19500	2.5	YQF 77	4
13	565	108.46	19600	2.7	YQFF 77	4

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
0.75kW						
8.1	890	170.85	9670	0.90	YQFA 67	4
8.5	840	162.31	10100	0.95	YQFAF 67	4
9.7	740	142.40	11000	1.10	YQF 67	4
11	625	120.79	11700	1.30	YQFF 67	4
13	565	109.04	12100	1.45		
14	500	95.94	12400	1.65	YQFA 67	4
15	470	90.59	12500	1.75	YQFAF 67	4
17	415	79.76	12800	2.0	YQF 67	4
20	350	67.65	13000	2.3	YQFF 67	4
23	315	61.07	13000	2.6		
11	660	127.27	5290	0.90		
13	570	110.01	9420	1.05		
15	485	93.47	10000	1.25	YQFA 57	4
17	435	83.46	10400	1.40	YQFAF 57	4
19	380	72.98	10700	1.60	YQF 57	4
20	355	68.22	10800	1.70	YQFF 57	4
23	305	58.97	11100	1.95		
28	260	50.10	11300	2.3		
31	230	44.73	11400	2.6		
17	415	79.72	5060	0.95	YQFA 47	4
20	355	68.09	6520	1.15	YQFAF 47	4
21	340	65.36	6680	1.20	YQF 47	4
					YQFF 47	4
24	295	56.49	7120	1.35		
29	250	48.00	7470	1.60	YQFA 47	4
32	220	42.86	7640	1.80	YQFAF 47	4
38	190	36.61	7820	2.1	YQF 47	4
40	178	34.29	7850	2.2	YQFF 47	4
48	150	28.88	7540	2.7		
29	245	47.02	3530	0.80		
31	230	43.83	3850	0.90	YQFA 37	4
36	199	38.31	4310	1.00	YQFAF 37	4
38	186	35.91	4480	1.05	YQF 37	4
44	165	31.69	4620	1.20	YQFF 37	4
49	146	28.09	4540	1.35		
58	124	23.88	4410	1.60		
58	123	23.63	4400	1.65		
67	107	20.57	4290	1.85		
72	100	19.27	4240	2.0		
81	88	17.03	4130	2.3		
96	74	14.33	3970	2.7		
107	67	12.87	3870	3.0	YQFA 37	4
125	58	11.08	3730	3.3	YQFAF 37	4
132	54	10.42	3680	3.4	YQF 37	4
154	47	8.97	3540	3.8	YQFF 37	4
205	35	6.74	3250	4.0		
228	31	6.05	3150	4.3		
265	27	5.21	3030	4.6		
282	25	4.90	2970	4.7		
327	22	4.22	2850	5.0		
366	20	3.77	2760	5.4		
1.1kW						
0.50	18200	2780	99800	1.00	YQFA 157 R97	4
					YQFAF 157 R97	4
					YQF 157 R97	4
					YQFF 157 R97	4
0.58	16000	2427	105800	1.15		
0.64	14300	2185	109700	1.25		
0.72	12700	1944	112900	1.40		
0.84	11200	1674	115500	1.60	YQFA 157 R97	4
1.1	8640	1308	119000	2.1	YQFAF 157 R97	4
1.2	7680	1169	120000	2.3	YQF 157 R97	4
1.5	6190	953	120000	2.9	YQFF 157 R97	4
1.7	5450	845	120000	3.3		
3.1	2880	446	120000	6.2		
4.6	1950	302	120000	9.2		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kW						
0.69	13800	2038	87000	0.85		
0.79	12000	1784	90000	1.00	YQFA 127 R77	4
0.87	10800	1606	90000	1.10	YQFAF 127 R77	4
1.0	9350	1390	90000	1.30	YQF 127 R77	4
1.1	8170	1220	90000	1.45	YQFF 127 R77	4
1.3	7260	1077	90000	1.65		
1.1	8360	1243	48000	0.90		
1.3	7370	1087	50600	1.05	YQFA 107 R77	4
1.5	6390	950	53100	1.20	YQFAF 107 R77	4
1.7	5590	834	55000	1.35	YQF 107 R77	4
1.9	4910	736	56500	1.55	YQFF 107 R77	4
2.2	4310	640	57800	1.80		
2.0	4670	690	27800	0.90		
2.3	4100	605	30500	1.05	YQFA 97 R57	4
2.7	3580	529	31900	1.20	YQFAF 97 R57	4
3.0	3160	467	32900	1.35	YQF 97 R57	4
3.5	2730	406	33900	1.55	YQFF 97 R57	4
3.8	2450	363	34500	1.75		
3.1	3070	452	16900	1.00	YQFA 87 R57	4
4.1	2330	345	25400	1.30	YQFAF 87 R57	4
4.7	2020	300	26400	1.50	YQF 87 R57	4
5.6	1670	249	27400	1.80	YQFF 87 R57	4
2.7	3930	254.40	58600	1.95	YQFA 107	8
3.2	3330	215.37	59800	2.3	YQFAF 107	8
3.4	3080	199.31	60200	2.5	YQF 107	8
3.8	2760	178.64	60800	2.8	YQFF 107	8
3.3	3160	276.77	32900	1.35	YQFA 97	6
3.6	2890	253.41	33600	1.50	YQFAF 97	6
4.1	2560	223.88	34300	1.70	YQF 97	6
4.8	2170	189.92	35100	2.0	YQFF 97	6
5.3	2000	174.87	35400	2.2		
5.1	2080	276.77	35200	2.1	YQFA 97	4
5.5	1900	253.41	35600	2.3	YQFAF 97	4
6.2	1680	223.88	36000	2.6	YQF 97	4
					YQFF 97	4
3.4	3090	270.68	16000	0.95		
3.6	2920	255.37	22700	1.05	YQFA 87	6
4.0	2610	228.93	24400	1.15	YQFAF 87	6
4.7	2250	197.20	25700	1.35	YQF 87	6
5.1	2050	179.97	26300	1.45	YQFF 87	6
5.8	1820	159.61	27000	1.65		
5.2	2030	270.68	26300	1.50	YQFA 87	4
5.5	1920	255.37	26700	1.55	YQFAF 87	4
6.1	1720	228.93	27200	1.75	YQF 87	4
7.1	1480	197.20	27900	2.0	YQFF 87	4
7.8	1350	179.97	28200	2.2	YQFA 87	4
8.8	1200	159.61	28500	2.5	YQFAF 87	4
10	1010	134.16	29000	3.0	YQF 87	4
11	930	123.29	29100	3.2	YQFF 87	4
7.1	1490	198.31	15800	1.00	YQFA 77	4
7.4	1410	188.40	16300	1.05	YQFAF 77	4
8.4	1250	166.47	17200	1.20	YQF 77	4
9.8	1070	142.27	18000	1.40	YQFF 77	4
11	980	130.42	18400	1.55		
12	860	114.45	18800	1.75	YQFA 77	4
13	810	108.46	18900	1.85	YQFAF 77	4
15	710	94.93	19200	2.1	YQF 77	4
16	640	85.52	19400	2.3	YQFF 77	4
19	565	75.02	19600	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
1.1kW						
12	910	120.79	9460	0.90		
13	820	109.04	10300	1.00		
15	720	95.94	11100	1.15		
15	680	90.59	11400	1.20		
18	600	79.76	11900	1.35	YQFA 67	4
21	510	67.65	12400	1.60	YQFAF 67	4
23	460	61.07	12600	1.80	YQF 67	4
26	405	53.73	12800	2.0	YQFF 67	4
28	380	50.74	12900	2.2		
32	325	43.20	13000	2.5		
36	295	39.26	13000	2.7		
41	255	34.01	13000	2.9		
17	625	83.46	8470	0.95		
19	550	72.98	9590	1.10		
21	510	68.22	9840	1.15	YQFA 57	4
24	440	58.97	10300	1.35	YQFAF 57	4
28	375	50.10	10700	1.60	YQF 57	4
31	335	44.73	10700	1.80	YQFF 57	4
37	285	38.21	10400	2.1		
39	270	35.79	10200	2.2		
46	225	30.15	9810	2.6		
					YQFA 47	4
25	425	56.49	3730	0.95	YQFAF 47	4
29	360	48.00	6440	1.10	YQF 47	4
					YQFF 47	4
33	320	42.86	6860	1.25	YQFA 47	4
38	275	36.61	7280	1.45	YQFAF 47	4
41	255	34.29	7260	1.55	YQF 47	4
48	215	28.88	7040	1.85	YQFF 47	4
45	230	30.86	7130	1.75	YQFA 47	4
48	220	29.32	7060	1.80	YQFAF 47	4
54	193	25.72	6880	2.1	YQF 47	4
64	164	21.82	6640	2.4	YQFF 47	4
71	148	19.70	6490	2.7		
44	240	31.69	3660	0.85	YQFA 37	4
50	210	28.09	3970	1.95	YQFAF 37	4
59	179	23.88	3930	1.10	YQF 37	4
					YQFF 37	4
68	154	20.57	3870	1.30		
73	145	19.27	3740	1.40		
82	128	17.03	3780	1.55		
98	108	14.33	3680	1.85		
109	97	12.87	3610	2.1		
126	83	11.08	3500	2.3	YQFA 37	4
134	78	10.42	3460	2.4	YQFAF 37	4
156	67	8.97	3350	2.6	YQF 37	4
175	60	8.01	3260	2.8	YQFF 37	4
208	51	6.74	3090	2.8		
231	45	6.05	3010	3.0		
269	39	5.21	2900	3.2		
286	37	4.90	2860	3.3		
332	32	4.22	2750	3.5		
372	28	3.77	2670	3.7		
1.5kW						
0.58	21900	2427	86400	0.80		
0.65	19700	2185	95000	0.90		
0.73	17500	1944	101700	1.05		
0.84	15300	1674	107400	1.20	YQFA 157 R97	4
1.1	11944	1308	114400	1.50	YQFAF 157 R97	4
1.2	10600	1169	116400	1.70	YQF 157 R97	4
1.5	8540	953	119100	2.1	YQFF 157 R97	4
1.7	7530	845	120000	2.4		
3.2	3980	446	120000	4.5		
4.7	2690	302	120000	6.7		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
1.5kW						
0.88	14800	1606	85000	0.80		
1.0	12800	1390	89000	0.95		
1.2	11200	1220	90000	1.05	YQFA 127 R77	4
1.3	9910	1077	90000	1.20	YQFAF 127 R77	4
1.5	8520	930	90000	1.40	YQF 127 R77	4
1.7	7500	820	90000	1.60	YQFF 127 R77	4
1.9	6630	727	90000	1.80		
2.2	5960	648	90000	2.0		
1.5	8730	950	46900	0.90		
1.7	7640	834	49900	1.00		
1.9	6730	736	52300	1.15	YQFA 107 R77	4
2.2	5890	640	54300	1.30	YQFAF 107 R77	4
2.5	5110	560	56100	1.50	YQF 107 R77	4
2.9	4460	489	57500	1.70	YQFF 107 R77	4
3.2	4010	436	58400	1.90		
3.8	3400	370	59600	2.3		
2.7	4880	529	19800	0.90	YQFA 97 R57	4
3.0	4310	467	29900	1.00	YQFAF 97 R57	4
3.5	3730	406	31500	1.15	YQF 97 R57	4
3.9	3340	363	32500	1.30	YQFF 97 R57	4
4.1	3180	345	11100	0.95	YQFA 87 R57	4
4.7	2760	300	23900	1.10	YQFAF 87 R57	4
5.7	2290	249	25500	1.30	YQF 87 R57	4
					YQFF 87 R57	4
2.8	5210	254.40	55900	1.50	YQFA 107	8
3.2	4410	215.37	57600	1.75	YQFAF 107	8
3.5	4080	199.31	58300	1.90	YQF 107	8
3.9	3660	178.64	59100	2.1	YQFF 107	8
3.6	3960	254.40	58500	1.95	YQFA 107	6
4.3	3350	215.37	59700	2.3	YQFAF 107	6
4.6	3100	199.31	60200	2.5	YQF 107	6
5.2	2780	178.64	60800	2.8	YQFF 107	6
3.3	4310	276.77	29900	1.00	YQFA 97	6
3.6	3950	253.41	30900	1.10	YQFAF 97	6
4.1	3490	223.88	32100	1.25	YQF 97	6
4.8	2960	189.92	33400	1.45	YQFF 97	6
5.3	2720	174.87	33900	1.60		
5.1	2810	276.77	33700	1.55	YQFA 97	4
5.6	2570	253.41	34300	1.65	YQFAF 97	4
6.3	2270	223.88	34900	1.90	YQF 97	4
7.4	1930	189.92	35500	2.2	YQFF 97	4
8.1	1780	174.87	35800	2.4		
5.2	2750	270.68	23900	1.10	YQFA 87	4
5.5	2590	255.37	24500	1.15	YQFAF 87	4
6.2	2330	228.93	24600	1.30	YQF 87	4
7.2	2000	197.20		1.50	YQFF 87	4
7.8	1830	179.97	26900	1.65	YQFA 87	4
8.8	1620	159.61	27500	1.85	YQFAF 87	4
11	1360	134.16	28200	2.2	YQF 87	4
13	1110	109.49	28700	2.7	YQFF 87	4
14	990	97.89	29000	3.0		
8.5	1690	166.47	14300	0.90	YQFA 77	4
9.9	1450	142.27	16100	1.05	YQFAF 77	4
11	1320	130.42	16800	1.15	YQF 77	4
12	1160	114.45	17600	1.30	YQFF 77	4
13	1100	108.46	17900	1.35		
15	960	94.93	18400	1.55		
16	870	85.52	18800	1.75		
19	760	75.02	19100	1.95		
19	735	72.50	19200	2.0	YQFA 77	4
21	675	66.46	19300	2.2	YQFAF 77	4
24	595	58.32	19500	2.5	YQF 77	4
26	560	55.27	19600	2.7	YQFF 77	4
29	490	48.37	19700	3.0		
32	445	43.58	19800	3.4		
37	390	38.23	19900	3.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
1.5kW						
39	370	36.58	19900	3.0	YQFA 77	4
45	320	31.51	20000	4.3	YQFAF 77	4
					YQF 77	4
					YQFF 77	4
16	920	90.59	9300	0.90		
18	810	79.76	10400	1.00		
21	685	67.65	11400	1.20	YQFA 67	4
23	620	61.07	11800	1.30	YQFAF 67	4
26	545	53.73	12200	1.50	YQF 67	4
28	515	50.74	12300	1.60	YQFF 67	4
33	440	43.20	12700	1.85		
36	400	39.26	12800	1.95		
39	370	36.30	12900	2.2	YQFA 67	4
44	325	32.08	13000	2.5	YQFAF 67	4
51	280	27.41	13000	2.9	YQF 67	4
56	255	25.13	13000	3.2	YQFF 67	4
24	600	58.97	9210	1.00		
28	510	50.10	9860	1.20	YQFA 57	4
32	455	44.73	9990	1.30	YQFAF 57	4
37	390	38.21	9740	1.55	YQF 57	4
39	365	35.79	9620	1.65	YQFF 57	4
47	305	30.15	9310	1.95		
33	435	42.86	575	0.90	YQFA 47	4
39	370	36.61	6300	1.10	YQFAF 47	4
41	350	34.29	6580	1.15	YQF 47	4
49	295	28.88	6500	1.35	YQFF 47	4
46	315	30.86	6550	1.30		
48	300	29.32	6510	1.35		
55	260	25.72	6390	1.55	YQFA 47	4
65	220	21.82	6230	1.80	YQFAF 47	4
72	200	19.70	6110	2.0	YQF 47	4
81	176	17.33	5970	2.3	YQFF 47	4
86	166	16.36	5900	2.4		
101	142	13.93	5700	2.8		
69	210	20.57	3410	0.95		
73	196	19.27	3410	1.00		
83	173	17.03	3400	1.15		
98	146	14.33	3350	1.35		
110	131	12.87	3310	1.55		
127	113	11.08	3250	1.70		
135	106	10.42	3220	1.75	YQFA 37	4
157	91	8.97	3140	1.90	YQFAF 37	4
176	81	8.01	3080	2.1	YQF 37	4
209	69	6.74	2920	2.0	YQFF 37	4
233	62	6.05	2850	2.2		
271	53	5.21	2770	2.4		
288	50	4.90	2730	2.4		
334	43	4.22	2640	2.6		
374	38	3.77	2570	2.7		
2.2kW						
0.98	18900	1441	97500	0.95	YQFA 157 R97	4
					YQFAF 157 R97	4
					YQF 157 R97	4
					YQFF 157 R97	4
1.1	17600	1308	101400	1.00		
1.2	15700	1169	106500	1.15		
1.5	12700	953	112800	1.40		
1.7	11200	845	115400	1.60		
1.9	10100	764	117100	1.80	YQFA 157 R97	4
2.1	9020	680	118600	2.0	YQFAF 157 R97	4
2.5	7610	576	120000	2.4	YQF 157 R97	4
3.2	5940	446	120000	3.0	YQFF 157 R97	4
4.7	4020	302	120000	4.5		
5.2	3630	273	120000	5.0		
6.1	3060	232	120000	5.9		
7.2	2590	197	120000	6.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
1.3	14600	1077	85300	0.80		
1.5	12600	930	89300	0.95		
1.7	11100	820	90000	1.10	YQFA 127 R77	4
1.9	9830	727	90000	1.20	YQFAF 127 R77	4
2.2	8810	648	90000	1.35	YQF 127 R77	4
2.6	7460	549	90000	1.60	YQFF 127 R77	4
2.8	6720	495	90000	1.80		
3.3	5810	428	90000	2.1		
2.2	8700	640	47000	0.90		
2.5	7580	560	50100	1.00	YQFA 107 R77	4
2.9	6610	489	52500	1.15	YQFAF 107 R77	4
3.2	5930	436	54200	1.30	YQF 107 R77	4
3.8	5030	370	56300	1.55	YQFF 107 R77	4
4.2	4520	333	57300	1.70		
3.9	4940	363	16500	0.85	YQFA 97 R57	4
4.9	3890	285	31100	1.10	YQFAF 97 R57	4
5.8	3340	245	32500	1.30	YQF 97 R57	4
					YQFF 97 R57	4
2.8	7640	254.40	49900	1.00	YQFA 107	8
3.2	6460	215.37	52900	1.20	YQFAF 107	8
3.5	5980	199.31	54100	1.30	YQF 107	8
3.9	5360	178.64	55500	1.45	YQFF 107	8
3.7	5690	254.40	54800	1.35	YQFA 107	6
4.4	4810	215.37	56700	1.60	YQFAF 107	6
4.7	4450	199.31	57500	1.70	YQF 107	6
5.3	3990	178.64	58400	1.90	YQFF 107	6
5.5	3790	254.40	58900	2.0	YQFA 107	4
6.6	3210	215.37	60000	2.4	YQFAF 107	4
7.1	2970	199.31	60400	2.6	YQF 107	4
7.9	2660	178.64	61000	2.9	YQFF 107	4
4.2	5000	223.88	12400	0.85	YQFA 97	6
4.9	4240	189.92	30100	1.00	YQFAF 97	6
5.4	3910	174.87	31000	1.10	YQF 97	6
6.0	3490	156.30	32100	1.25	YQFF 97	6
5.1	4120	276.77	30400	1.05		
5.6	3780	253.41	31400	1.15		
6.3	3340	233.88	32500	1.30	YQFA 97	4
7.4	2830	189.92	33700	1.50	YQFAF 97	4
8.1	2610	174.87	34200	1.65	YQF 97	4
9.0	2330	156.30	34800	1.85	YQFF 97	4
10	2100	140.71	35200	2.0		
11	1900	127.42	35600	2.3		
7.2	2940	197.20	22000	1.00	YQFA 87	4
7.8	2680	179.97	24200	1.10	YQFAF 87	4
8.8	2380	159.61	25200	1.25	YQF 87	4
11	2000	134.16	26400	1.50	YQFF 87	4
11	1840	123.29	26900	1.65		
13	1630	109.49	27500	1.85		
14	1460	97.89	27900	2.1	YQFA 87	4
16	1310	88.01	28300	2.3	YQFAF 87	4
18	1140	76.39	27800	2.6	YQF 87	4
21	1020	68.40	27100	2.9	YQFF 87	4
25	850	56.75	25900	3.5		
28	750	50.36	25200	3.9		
31	675	45.28	24500	4.2		
12	1710	114.45	14200	0.90	YQFA 77	4
13	1620	108.46	14900	0.95	YQFAF 77	4
15	1410	94.93	16300	1.05	YQF 77	4
16	1270	85.52	17100	1.20	YQFF 77	4
19	1120	75.02	17800	1.35		
21	990	66.46	18300	1.50	YQFA 77	4
24	870	58.32	18800	1.75	YQFAF 77	4
26	820	55.27	18900	1.80	YQF 77	4
29	720	48.37	19200	2.1	YQFF 77	4
32	650	43.58	19400	2.3		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
2.2kW						
39	545	36.58	19600	2.0	YQFA 77	4
45	470	31.51	19700	2.9	YQFAF 77	4
49	430	28.75	19800	3.3	YQF 77	4
55	380	25.50	19900	4.0	YQFF 77	4
23	910	61.07	9420	0.90		
26	800	53.73	10500	1.00	YQFA 67	4
28	755	50.74	10800	1.10	YQFAF 67	4
33	645	43.20	11600	1.25	YQF 67	4
36	585	39.26	12000	1.35	YQFF 67	4
41	505	34.01	12400	1.45		
44	480	32.08	12500	1.70		
51	410	27.41	12800	2.0	YQFA 67	4
56	375	25.13	12900	2.2	YQFAF 67	4
64	330	22.05	13000	2.5	YQF 67	4
67	310	20.90	13000	2.6	YQFF 67	4
77	275	18.29	13000	3.0		
32	665	44.73	4480	0.90	YQFA 57	4
37	570	38.21	8660	1.05	YQFAF 57	4
39	535	35.79	8620	1.15	YQF 57	4
47	450	30.15	8460	1.30	YQFF 57	4
56	370	24.96	8240	1.55	YQFA 57	4
67	315	21.17	8020	1.90	YQFAF 57	4
74	285	19.11	7870	2.1	YQF 57	4
84	250	16.81	7670	2.4	YQFF 57	4
89	235	15.88	7580	2.5		
55	385	25.72	5560	1.05		
65	325	21.82	5520	1.25		
72	295	19.70	5480	1.35	YQFA 47	4
81	260	17.33	5410	1.55	YQFAF 47	4
86	245	16.36	5370	1.65	YQF 47	4
101	210	13.93	5250	1.95	YQFF 47	4
111	189	12.66	5170	2.1		
129	163	10.97	5040	2.5		
157	133	8.96	4740	2.5		
98	215	14.33	2790	0.95		
110	192	12.87	2810	1.05		
127	165	11.08	2820	1.15		
135	155	10.42	2810	1.20		
157	134	8.97	2790	1.30	YQFA 37	4
176	119	8.01	2770	1.40	YQFAF 37	4
209	100	6.74	2630	1.40	YQF 37	4
233	90	6.05	2590	1.50	YQFF 37	4
271	78	5.21	2540	1.60		
288	73	4.90	2520	1.65		
334	63	4.22	2460	1.75		
374	56	3.77	2400	1.85		
3.0kW						
1.2	21700	11.69	87200	0.85		
1.5	17600	953	101300	1.00		
1.7	15600	845	106700	1.15		
1.8	14100	764	110100	1.30	YQFA 157 R97	4
2.1	12500	680	113200	1.45	YQFAF 157 R97	4
2.4	10600	576	116400	1.70	YQF 157 R97	4
3.1	8250	446	119500	2.2	YQFF 157 R97	4
4.6	5580	302	120000	3.2		
5.1	5040	273	120000	3.6		
6.1	4250	232	120000	4.2		
7.1	3610	197	120000	5.0		
1.9	13600	727	87400	0.90	YQFA 127 R77	4
2.2	12200	648	90000	1.00	YQFAF 127 R77	4
2.5	10300	549	90000	1.15	YQF 127 R77	4
2.8	9270	495	90000	1.30	YQFF 127 R77	4
3.2	8170	436	48500	0.95	YQFA 107 R77	4
3.8	6930	370	51800	1.10	YQFAF 107 R77	4
4.2	6240	333	53500	1.25	YQF 107 R77	4
4.8	5460	291	55300	1.40	YQFF 107 R77	4

Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
3.0kW						
3.7	7750	245.40	49600	1.00	YQFA 107	6
4.4	6560	215.37	52700	1.15	YQFAF 107	6
4.7	6070	199.31	53900	1.25	YQF 107	6
5.3	5440	178.64	55300	1.40	YQFF 107	6
5.5	5210	254.40	55900	1.50	YQFA 107	4
6.5	4410	215.37	57600	1.75	YQFAF 107	4
7.0	4080	199.31	58300	1.90	YQF 107	4
7.8	3660	178.64	59100	2.1	YQFF 107	4
8.7	3300	161.28	59800	2.3		
6.2	4580	223.88	29000	0.95	YQFA 97	4
7.4	3890	189.92	31100	1.10	YQFAF 97	4
8.0	3580	174.87	31900	1.20	YQF 97	4
					YQFF 97	4
9.0	3200	157.30	32800	1.35		
9.9	2880	140.71	33600	1.50	YQFA 97	4
11	2610	127.42	34200	1.65	YQFAF 97	4
12	2310	112.99	24800	1.85	YQF 97	4
14	2090	102.16	35200	2.1	YQFF 97	4
16	1840	89.85	35700	2.3		
10	2750	134.16	23900	1.10	YQFA 87	4
11	2520	123.29	24700	1.20	YQFAF 87	4
13	2240	109.49	25700	1.35	YQF 87	4
					YQFF 87	4
14	2000	97.89	26400	1.50		
16	1800	88.01	26900	1.65	YQFA 87	4
18	1560	76.39	26300	1.90	YQFAF 87	4
20	1400	68.40	25700	2.1	YQF 87	4
25	1160	56.75	24800	2.6	YQFF 87	4
28	1030	50.36	24100	2.8		
16	1750	85.52	13800	0.85	YQFA 77	4
19	1540	75.02	15500	1.00	YQFAF 77	4
21	1360	66.46	16600	1.10	YQF 77	4
24	1190	58.32	17500	1.25	YQFF 77	4
25	1130	55.27	17800	1.35	YQFA 77	4
29	990	48.37	18300	1.50	YQFAF 77	4
32	890	43.58	18700	1.70	YQF 77	4
37	780	38.23	19000	1.90	YQFF 77	4
38	750	36.58	19100	1.50	YQFA 77	4
44	645	31.51	19400	2.1	YQFAF 77	4
49	590	28.75	19500	2.4	YQF 77	4
55	520	25.50	19700	2.9	YQFF 77	4
65	440	21.43	19800	3.4		
32	880	43.20	9690	0.95	YQFA 67	4
36	800	39.26	10500	0.95	YQFAF 67	4
41	695	34.01	11300	1.05	YQF 67	4
					YQFF 67	4
44	655	32.08	11600	1.25		
51	560	27.41	12100	1.45		
56	515	25.13	12300	1.60	YQFA 67	4
63	450	22.05	12600	1.80	YQFAF 67	4
67	430	20.90	12700	1.90	YQF 67	4
77	375	18.29	12900	2.2	YQFF 67	4
85	335	16.48	13000	2.4		
97	295	14.46	13000	2.8		
56	510	24.96	7440	1.15		
66	435	21.17	7340	1.40		
73	390	19.11	7260	1.55	YQFA 57	4
83	345	16.81	7140	1.75	YQFAF 57	4
88	325	15.88	7080	1.85	YQF 57	4
104	275	13.52	6890	2.2	YQFF 57	4
114	250	12.29	6780	2.4		
132	220	10.64	6590	2.8		

Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
3.0kW						
71	405	19.70	4750	1.00		
81	355	17.33	4760	1.15	YQFA 47	4
86	335	16.36	4760	1.20	YQFAF 47	4
100	285	13.93	4740	1.40	YQF 47	4
111	260	12.66	4700	1.55	YQFF 47	4
128	225	10.97	4640	1.80		
156	183	8.96	4370	1.80		
126	225	11.08	2320	0.85		
134	215	10.42	2350	0.85		
156	184	8.97	2390	0.95		
175	164	8.01	2410	1.05	YQFA 37	4
208	138	6.74	2290	1.00	YQFAF 37	4
231	124	6.05	2300	1.10	YQF 37	4
269	107	5.21	2290	1.15	YQFF 37	4
286	100	4.90	2280	1.20		
332	86	4.22	2250	1.25		
372	77	3.77	2220	1.35		
4.0kW						
1.7	20600	845	91500	0.85		
1.9	18600	764	98300	0.95		
2.1	16600	680	104200	1.10	YQFA 157 R97	4
2.5	14000	576	110300	1.30	YQFAF 157 R97	4
3.2	10900	446	115900	1.65	YQF 157 R97	4
4.7	7390	302	120000	2.4	YQFF 157 R97	4
5.2	6670	273	120000	2.7		
6.1	5640	232	120000	3.2		
7.2	4780	197	120000	3.8		
2.6	13600	549	87400	0.90	YQFA 127 R97	4
2.9	12200	495	90000	1.00	YQFAF 127 R77	4
3.3	10600	428	90000	1.15	YQF 127 R77	4
3.8	9270	376	90000	1.30	YQFF 127 R77	4
4.3	8230	333	48300	0.95	YQFA 107 R97	4
4.9	7190	291	51100	1.05	YQFAF 107 R77	4
5.6	6310	255	53300	1.20	YQF 107 R77	4
					YQFF 107 R77	4
4.2	9060	170.83	90000	1.30	YQFA 107 R97	4
4.7	8150	153.67	90000	1.45	YQFAF 107 R77	4
5.7	6650	125.37	90000	1.80	YQF 107 R77	4
					YQFF 107 R77	4
5.6	6840	254.40	52000	1.10		
6.6	5790	215.37	54500	1.35		
7.1	5360	199.31	55500	1.45	YQFA 107	4
7.9	4810	178.64	56700	1.60	YQFAF 107	4
8.8	4340	161.28	57700	1.75	YQF 107	4
9.7	3940	146.49	58500	1.95	YQFF 107	4
11	3500	129.97	59400	2.2		
12	3170	117.94	60100	2.4		
14	2730	101.38	60900	2.8		
8.1	4700	174.87	26600	0.90	YQFA 97	4
9.1	4200	156.30	30200	1.00	YQFAF 97	4
10	3780	140.71	31400	1.15	YQF 97	4
11	3430	127.42	32300	1.25	YQFF 97	4
13	3040	112.99	33200	1.40		
14	2750	102.16	33900	1.55	YQFA 97	4
15	2620	97.58	34100	1.65	YQFAF 97	4
16	2420	89.85	34600	1.80	YQF 97	4
18	2160	80.31	35100	2.0	YQFF 97	4
20	1940	72.29	35500	2.2		
22	1760	65.47	35800	2.4		
13	2950	109.49	21700	1.00	YQFA87	4
15	2630	97.89	24300	1.15	YQFA87	4
16	2370	88.01	24600	1.25	YQF 87	4
					YQFF87	4
19	2050	76.39	24200	1.45	YQFA87	4
21	1840	68.40	23900	1.65	YQFA87	4
25	1530	56.75	23200	1.95	YQF 87	4
28	1350	50.36	22800	2.2	YQFF87	4
31	1220	45.28	22300	2.3		

Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
4.0kW						
21	1790	66.46	13400	0.85	YQFA 77	4
24	1570	58.32	15200	0.95	YQFAF 77	4
26	1490	55.27	15800	1.00	YQF 77	4
29	1300	48.37	16900	1.15	YQFF 77	4
33	1170	43.58	17600	1.30	YQFA 77	4
37	1030	38.23	18200	1.45	YQFAF 77	4
42	910	33.74	18600	1.65	YQF 77	4
47	800	29.91	19000	1.85	YQFF 77	4
56	685	25.54	19300	2.1		
45	850	31.51	18800	1.65	YQFA 77	4
49	775	28.75	19100	1.85	YQFAF 77	4
56	685	25.50	19300	2.2	YQF 77	4
66	575	21.43	19500	2.6	YQFF 77	4
72	530	19.70	19600	2.8		
52	735	27.41	11000	1.10		
57	675	25.13	11400	1.20		
64	595	22.05	11900	1.40		
68	560	20.90	12100	1.45		
78	490	18.29	12400	1.65		
86	445	16.48	12700	1.85		
98	390	14.46	12900	2.1		
111	345	12.76	13000	2.4	YQFA 67	4
126	305	11.31	13000	2.7	YQFAF 67	4
147	260	9.66	13000	3.2	YQF 67	4
156	245	9.08	13000	2.2	YQFF 67	4
165	230	8.60	12800	2.5		
189	205	7.53	12400	3.0		
209	183	6.78	12100	3.4		
239	160	5.95	11700	3.8		
270	141	5.25	11400	4.2		
305	125	4.66	11000	4.5		
357	107	3.97	10600	4.7		
67	570	21.17	6490	1.05		
74	515	19.11	6490	1.15		
84	450	16.81	6450	1.35		
89	425	15.88	6430	1.40		
105	365	13.52	6340	1.65	YQFA 57	4
116	330	12.29	6270	1.80	YQFAF 57	4
133	285	10.64	6150	2.1	YQF 57	4
153	250	9.31	5850	1.70	YQFF 57	4
173	220	8.19	5730	1.90		
184	210	7.73	5680	2.0		
216	177	6.58	5510	2.4		
237	161	5.98	5410	4.6		
274	139	5.18	5250	3.0		
5.5kW						
2.5	19300	576	96300	0.95		
2.8	16800	503	103600	1.05		
3.2	15000	446	108200	1.20	YQFA 157 R97	4
4.1	11800	353	114500	1.55	YQFAF 157 R97	4
4.7	10100	302	117100	1.80	YQF 157 R97	4
5.2	9160	273	118400	1.95	YQFF 157 R97	4
6.2	7750	232	120000	2.3		
7.1	6750	202	120000	2.7		
7.3	6570	197	120000	2.7		
3.4	14000	418	86500	0.85		
3.8	12600	374	89400	0.95	YQFA 127 R87	4
4.6	10500	312	90000	1.15	YQFAF 127 R87	4
4.9	9840	293	90000	1.20	YQF 127 R87	4
5.5	8680	259	90000	1.40	YQFF 127 R87	4
6.4	7500	223	90000	1.60		
3.3	14500	428	85600	0.85	YQFA 127 R77	4
3.8	12700	376	89100	0.95	YQFAF 127 R77	4
					YQF 127 R77	4
					YQFF 127 R77	4

Output speed n_a [r/min]	Output torque M_a [N·m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_s	Model	Pole P
5.5kW						
2.7	19800	267.43	94600	0.90		
3.3	16100	217.62	105500	1.10		
4.0	13200	178.20	111900	1.35		
4.4	12100	162.96	114000	1.50		
5.0	10500	141.80	116600	1.70		
5.7	9260	125.14	118300	1.95	YQFA 157	8
6.5	8030	108.49	119700	2.2	YQFAF 157	8
7.4	7140	96.53	120000	2.5	YQF 157	8
8.3	6350	85.80	120000	2.8	YQFF 157	8
9.1	5800	78.46	120000	3.1		
10	5050	68.28	120000	3.6		
4.2	12600	170.83	89200	0.95	YQFA 127	8
4.6	11400	153.67	90000	1.05	YQFAF 127	8
5.7	9270	125.37	90000	1.30	YQF 127	8
6.2	8460	114.34	90000	1.40	YQFF 127	8
6.6	7910	215.37	49200	0.95	YQFA 107	4
7.2	7320	199.31	50800	1.05	YQFAF 107	4
8.0	6560	178.64	52700	1.15	YQF 107	4
8.9	5920	161.28	54200	1.30	YQFF 107	4
9.8	5380	146.49	55500	1.45		
11	4770	129.97	56800	1.60	YQFA 107	4
12	4330	117.94	57700	1.75	YQFAF 107	4
14	3720	101.38	59000	2.1	YQF 107	4
15	3400	92.47	59600	2.3	YQFF 107	4
16	3250	88.49	59900	2.4		
17	3080	83.99	60200	2.5		
11	4680	127.42	27400	0.90	YQFA 97	4
13	4150	112.99	30300	1.05	YQFAF 97	4
14	3750	102.16	31400	1.15	YQF 97	4
					YQFF 97	4
15	3580	97.58	31900	1.20		
16	3300	89.85	32600	1.30		
17	3180	86.59	32900	1.35		
18	2950	80.31	33400	1.45	YQFA 97	4
19	2780	75.63	33800	1.55	YQFAF 97	4
20	2660	72.29	34100	1.60	YQF 97	4
22	2400	65.47	34600	1.80	YQFF 97	4
25	2130	58.06	34500	2.0		
27	1930	52.49	33900	2.2		
16	3230	88.01	5760	0.95	YQFA 87	4
19	2810	76.39	21200	1.05	YQFAF 87	4
21	2510	68.40	21200	1.20	YQF 87	4
25	2080	56.75	21000	1.45	YQFF 87	4
28	1850	50.36	20800	1.60	YQFA 87	4
32	1660	45.28	20500	1.70	YQFAF 87	4
36	1440	39.30	20100	1.90	YQF 87	4
41	1290	35.19	19800	2.0	YQFF 87	4
49	1070	29.20	19100	2.3		
42	1250	33.92	19700	2.1	YQFA 87	4
50	1060	28.78	19100	2.3	YQFAF 87	4
54	970	26.50	18800	3.1	YQF 87	4
60	870	23.68	18400	3.5	YQFF 87	4
30	1780	48.37	13500	0.85		
33	1600	43.58	15000	0.95	YQFA 77	4
37	1400	38.23	16300	1.05	YQFAF 77	4
42	1240	33.74	17300	1.20	YQF 77	4
48	1100	29.91	17900	1.35	YQFF 77	4
56	940	25.54	18500	1.55		
56	940	25.5	18500	1.60		
67	785	21.43	19000	1.90		
73	725	19.70	19200	2.1	YQFA 77	4
82	645	17.49	19400	2.3	YQFAF 77	4
91	575	15.64	19600	2.6	YQF 77	4
102	515	14.06	19300	2.9	YQFF 77	4
117	450	12.20	18600	3.3		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
5.5kW						
65	810	22.05	10400	1.00		
68	770	20.90	10800	1.05		
78	670	18.29	11500	1.20		
87	605	16.48	11900	1.35		
99	530	14.46	12300	1.55		
112	470	12.76	12500	1.75	YQFA 67	4
126	415	11.31	12800	1.95	YQFAF67	4
148	355	9.66	12900	2.3	YQF 67	4
158	335	9.08	12400	1.60	YQFF 67	4
166	315	8.60	12300	1.80		
190	275	7.53	12000	2.2		
211	250	6.78	11700	2.5		
240	220	5.95	11400	2.8		
272	193	5.25	11100	3.1		
307	171	4.66	10700	3.3		
360	146	3.97	10300	3.4		
85	620	16.81	5450	0.95		
90	585	15.88	5470	1.05		
106	495	13.52	5530	1.20		
116	450	12.29	5530	1.35	YQFA 57	4
134	390	10.64	5510	1.55	YQFAF57	4
175	300	8.19	5190	1.40	YQF 57	4
185	285	7.73	5160	1.50	YQFF 57	4
217	240	6.58	5070	1.75		
239	220	5.98	5010	1.90		
276	190	5.18	4900	2.2		
7.5kW						
4.6	14300	312	85900	0.85	YQFA 127 R87	4
4.9	13500	293	87600	0.90	YQFAF127 R87	4
5.5	11900	259	90000	1.00	YQF 127 R87	4
6.4	10300	223	90000	1.15	YQFF 127 R87	4
7.2	9080	198	90000	1.30		
3.3	21600	217.62	87600	0.85		
4.0	17700	178.20	101100	1.00		
4.4	16200	162.96	105200	1.10		
5.1	14100	141.80	110100	1.30		
5.8	12400	125.14	113300	1.45		
6.6	10800	108.49	116100	1.65	YQFA 157	8
7.5	9600	96.53	117800	1.85	YQFAF157	8
8.4	8530	85.80	119200	2.1	YQF 157	8
9.2	7810	78.46	120000	2.3	YQFF 157	8
11	6790	68.28	120000	2.7		
12	5990	60.25	120000	3.0		
14	5200	52.24	120000	3.5		
15	4620	46.48	120000	3.9		
18	3980	40.06	120000	4.5		
3.6	20000	267.43	9400	0.90		
4.4	16200	217.62	105100	1.10		
5.4	13300	178.20	111700	1.35		
5.9	12200	162.96	113800	1.50		
6.8	10600	141.80	116400	1.70	YQFA 157	6
7.7	9340	125.14	118200	1.95	YQFAF157	6
8.9	8090	108.49	119700	2.2	YQF 157	6
9.9	7200	96.53	120000	2.5	YQFF 157	6
11	6400	85.80	120000	2.8		
12	5850	78.46	120000	3.1		
14	5090	68.28	120000	3.5		
16	4500	60.25	120000	4.0		
18	3900	52.24	193000	4.6		
5.7	12500	125.37	89500	0.95	YQFA 127	8
6.3	11400	114.34	90000	1.05	YQFAF127	8
7.3	9840	98.95	90000	1.20	YQF 127	8
8.2	8690	87.31	90000	1.40	YQFF 127	8
5.6	12700	170.83	89000	0.95	YQFA 127	6
6.2	11500	153.67	90000	1.05	YQFAF127	6
7.7	9350	125.37	90000	1.30	YQF 127	6
8.4	8530	114.34	90000	1.40	YQFF 127	6

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
7.5kW						
8.4	8560	170.83	90000	1.40	YQFA 127	4
9.3	7700	153.67	90000	1.55	YQFAF 127	4
11	6280	125.37	90000	1.90	YQF 127	4
					YQFF 127	4
8.0	8950	178.64	46300	0.85	YQFA 107	4
8.9	8080	161.28	48700	0.95	YQFAF 107	4
9.8	7340	146.49	50700	1.05	YQF 107	4
11	6510	129.97	52800	1.20	YQFF 107	4
12	5910	117.94	54200	1.30		
14	5080	101.38	56100	1.50		
15	4630	92.47	57100	1.65	YQFA 107	4
16	4430	88.49	57500	1.75	YQFAF 107	4
17	4210	83.99	58000	1.85	YQF 107	4
19	3730	74.52	59000	2.1	YQFF 107	4
21	3390	67.62	59600	2.3		
15	4890	97.58	19300	0.90		
16	4500	89.85	29300	0.95	YQFA 97	4
17	4340	86.59	29800	1.00	YQFAF 97	4
18	4020	80.31	30700	1.05	YQF 97	4
19	3790	75.63	31300	1.15	YQFF 97	4
20	3620	72.29	31800	1.20		
22	3280	65.47	32200	1.30		
25	2910	58.06	31800	1.50	YQFA 97	4
27	2630	52.49	31400	1.65	YQFAF 97	4
32	2230	44.49	30600	1.95	YQF 97	4
37	1950	38.86	29900	2.2	YQFF 97	4
44	1630	32.50	28900	2.6		
33	2170	43.28	30500	1.40	YQFA 97	4
39	1840	36.64	29600	1.65	YQFAF 97	4
42	1700	33.91	29200	2.5	YQF 97	4
47	1520	30.39	28500	2.8	YQFF 97	4
25	2840	56.75	18100	1.05		
28	2520	50.36	18200	1.15	YQFA 87	4
32	2270	45.28	18200	1.25	YQFAF 87	4
36	1970	39.30	18100	1.40	YQF 87	4
41	1760	35.19	18000	1.50	YQFF 87	4
49	1460	29.20	17600	1.70		
50	1440	28.78	17600	1.70		
54	1330	26.50	17400	2.3	YQFA 87	4
60	1190	23.68	17100	2.5	YQFAF 87	4
67	1070	21.32	16800	2.8	YQF 87	4
74	970	19.31	16500	3.1	YQFF 87	4
84	860	17.12	16200	3.5		
92	775	15.48	15900	3.9		
42	1690	33.74	14300	0.90	YQFA 77	4
48	1500	29.91	15700	1.00	YQFAF 77	4
56	1280	25.54	17000	1.15	YQF 77	4
					YQFF 77	4
56	1280	25.50	17100	1.15		
67	1070	21.43	18000	1.40		
73	990	19.70	18400	1.50		
82	880	17.49	18800	1.70		
91	785	15.64	19000	1.90		
102	705	14.06	18600	2.1	YQFA 77	4
117	610	12.20	18000	2.5	YQFAF 77	4
131	545	10.93	17600	2.7	YQF 77	4
154	465	9.30	16500	2.3	YQFF 77	4
173	415	8.26	16100	2.6		
194	370	7.39	15700	2.9		
215	335	6.64	15300	3.2		
248	290	5.76	14800	3.7		
277	260	5.16	14500	4.2		
334	215	4.28	13800	4.7		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
9.2kW						
4.1	19700	353	94800	0.90		
4.8	16900	302	103300	1.05	YQFA 157 R97	4
5.3	15300	273	107400	1.20	YQFAF157 R97	4
6.2	13000	232	112400	1.40	YQF 157 R97	4
7.1	11300	202	115300	1.60	YQFF 157 R97	4
7.3	11000	197	115800	1.65		
5.6	14500	259	85600	0.85	YQFA 127 R87	4
6.4	12500	223	89400	0.95	YQFAF127 R87	4
7.3	11100	198	90000	1.10	YQF 127 R87	4
					YQFF 127 R87	4
8.4	10400	170.83	90000	1.15	YQFA 127	4
9.4	9380	153.67	90000	1.30	YQFAF127	4
11	7650	125.37	90000	1.55	YQF 127	4
13	6980	114.34	90000	1.70	YQFF 127	4
15	6040	98.95	90000	2.0		
9.8	8940	146.49	46300	0.85	YQFA 107	4
11	7930	129.97	49100	0.95	YQFAF107	4
12	7200	117.94	51100	1.05	YQF 107	4
14	6180	101.38	53600	1.25	YQFF 107	4
16	5640	92.47	54900	1.35		
17	5120	83.99	56000	1.50	YQFA 107	4
19	4550	74.52	57300	1.70	YQFAF107	4
21	4130	67.62	58200	1.85	YQF 107	4
25	3550	58.12	58300	2.2	YQFF 107	4
28	3100	50.73	56800	2.5		
18	4900	80.31	18700	0.90		
19	4610	75.63	28900	0.95	YQFA 97	4
20	4410	72.29	29600	0.95	YQFAF97	4
22	3990	65.47	29600	1.10	YQF 97	4
25	3540	58.06	29500	1.20	YQFF 97	4
27	3200	52.49	29300	1.35	YQFA 97	4
32	2710	44.49	28800	1.60	YQFAF97	4
37	2370	38.86	28400	1.80	YQF 97	4
44	1980	32.50	27600	2.2	YQFF 97	4
42	2070	33.91	27800	2.1	YQFA 97	4
47	1850	30.39	27300	2.3	YQFAF97	4
52	1670	27.44	26800	2.6	YQF 97	4
58	1520	24.92	26300	2.8	YQFF 97	4
29	3070	50.36	16000	0.95		
32	2760	45.28	16200	1.00	YQFA 87	4
37	2400	39.30	16400	1.15	YQFAF87	4
41	2150	35.19	16400	1.20	YQF 87	4
49	1780	29.20	16300	1.40	YQFF 87	4
54	1620	26.50	16200	1.85		
61	1440	23.68	16100	2.1	YQFA 87	4
68	1300	21.32	15900	2.3	YQFAF87	4
75	1180	19.31	15700	2.5	YQF 87	4
84	1040	17.12	15400	2.9	YQFF 87	4
93	940	15.48	15200	3.2		
110	800	13.12	14700	3.8		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{ra} [N]	Service factor f_B	Model	Pole P
9.2kW						
73	1200	19.70	17400	1.25		
82	1070	17.49	18000	1.40		
92	950	15.64	18300	1.55		
102	860	14.06	18000	1.75		
118	745	12.20	17500	2.0	YQFA 77	4
132	665	10.93	17100	2.2	YQFAF 77	4
155	570	9.30	16000	1.90	YQF 77	4
174	505	8.26	15600	2.1	YQFF 77	4
195	450	7.39	15300	2.4		
217	405	6.64	15000	2.7		
250	350	5.76	14500	3.1		
279	315	5.16	14200	3.4		
336	260	4.28	13600	3.9		
11.0kW						
4.8	20300	302	92800	0.90	YQFA 157 R97	4
5.3	18300	273	99300	1.00	YQFAF 157 R97	4
6.2	15500	232	106900	1.15	YQF 157 R97	4
7.1	13500	202	111200	1.35	YQFF 157 R97	4
7.3	13200	197	112000	1.35		
6.4	15000	223	84500	0.80	YQFA 127 R87	4
7.3	13300	198	88000	0.90	YQFAF 127 R87	4
8.7	11100	166	90000	1.00	YQF 127 R87	4
					YQFF 127 R87	4
5.1	20700	141.80	91300	0.85	YQFA 157	8
5.8	18300	125.14	99500	1.00	YQFAF 157	8
6.6	15800	108.49	106100	1.15	YQF 157	8
7.5	14100	96.53	110100	1.30	YQFF 157	8
5.4	19500	178.20	95500	0.90		
5.9	17800	162.96	100800	1.00		
6.8	15500	141.80	106900	1.15	YQFA 157	6
7.7	13700	125.14	110900	1.30	YQFAF 157	6
8.9	11900	108.49	114300	1.50	YQF 157	6
9.9	10600	96.53	116400	1.70	YQFF 157	6
11	9390	85.80	118100	1.90		
12	8590	78.46	119100	2.1		
5.4	19500	267.43	95500	0.90		
6.6	15900	217.62	106000	1.15		
8.1	13000	178.20	112300	1.40		
8.8	11900	162.96	114300	1.50	YQFA 157	4
10	10300	141.80	116800	1.75	YQFAF 157	4
12	9130	125.14	118400	1.95	YQF 157	4
13	7910	108.49	119900	2.3	YQFF 157	4
15	7040	96.53	120000	2.6		
17	6260	85.80	118100	2.9		
18	5720	78.46	115700	3.1		
21	4980	68.28	112000	3.6		
7.7	13700	125.37	87100	0.85	YQFA 127	6
8.4	12500	114.34	89500	0.95	YQFAF 127	6
9.7	10800	98.95	90000	1.10	YQF 127	6
11	9550	87.31	90000	1.25	YQFF 127	6
13	8250	75.41	90000	1.45		
8.4	12500	170.83	89500	0.95		
9.4	11200	153.67	90000	1.05	YQFA 127	4
11	9150	125.37	90000	1.30	YQFAF 127	4
13	8340	114.34	90000	1.45	YQF 127	4
15	7220	98.95	90000	1.65	YQFF 127	4
16	6370	87.31	90000	1.90		
19	5500	75.41	88600	2.2		
12	8600	117.94	47300	0.90	YQFA 107	4
14	7400	101.38	50600	1.05	YQFAF 107	4
16	6750	92.47	52200	1.15	YQF 107	4
					YQFF 107	4

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
11.0kW						
17	6130	83.99	53700	1.25		
19	5440	74.52	55300	1.40	YQFA 107	4
21	4930	67.62	56500	1.55	YQFAF107	4
25	4240	58.12	56400	1.80	YQF 107	4
28	3700	50.73	55100	2.1	YQFF 107	4
33	3140	43.03	53500	2.5		
43	2470	33.79	51000	3.0	YQFA 107	4
52	2010	27.57	48800	3.9	YQFAF107	4
57	1830	25.14	47800	4.3	YQF 107	4
					YQFF 107	4
22	4780	65.47	24000	0.90	YQFA 97	4
25	4240	58.06	27100	1.00	YQFAF97	4
27	3830	52.49	27100	1.10	YQF 97	4
					YQFF 97	4
32	3250	44.49	27000	1.30	YQFA 97	4
37	2830	38.86	26700	1.50	YQFAF97	4
44	2370	32.50	26200	1.80	YQF 97	4
					YQFF 97	4
42	2470	33.91	26400	1.75	YQFA 97	4
47	2220	30.39	26000	1.95	YQFAF97	4
52	2000	27.44	25600	2.2	YQF 97	4
58	1820	24.92	25200	2.4	YQFF 97	4
65	1610	22.11	24700	2.7		
37	2870	39.30	14600	0.95	YQFA 87	4
41	2570	35.19	14800	1.00	YQFAF87	4
49	2130	29.20	15000	1.20	YQF 87	4
					YQFF 87	4
54	1930	26.50	15000	1.55		
61	1730	23.68	15000	1.75	YQFA 87	4
68	1560	21.32	14900	1.95	YQFAF87	4
75	1410	19.31	14800	2.1	YQF 87	4
84	1250	17.12	14600	2.4	YQFF 87	4
93	1130	15.48	14400	2.7		
110	960	13.12	14100	3.1		
73	1440	19.70	16100	1.05		
82	1280	17.49	17100	1.20		
92	1140	15.64	17600	1.30		
102	1030	14.06	17400	1.45		
118	890	12.20	17000	1.70	YQFA 77	4
132	795	10.93	16700	1.90	YQFAF77	4
155	680	9.30	15500	1.60	YQF 77	4
174	605	8.26	15200	1.80	YQFF 77	4
195	540	7.39	14900	2.0		
217	485	6.64	14600	2.2		
250	420	5.76	14200	2.6		
279	375	5.16	13900	2.9		
336	310	4.28	13300	3.2		
15.0kW						
6.3	20900	232	90400	0.85	YQFA 157 R97	4
7.2	18300	202	99500	1.00	YQFAF157 R97	4
7.4	17700	197	101000	1.00	YQF 157 R97	4
					YQFF 157 R97	4
6.8	20900	141.80	90400	0.85	YQFA 157	4
7.8	18500	125.14	98800	0.95	YQFAF157	4
8.9	16000	108.49	105700	1.10	YQF 157	4
10	14300	96.53	109800	1.25	YQFF 157	4
11	12700	85.80	112900	1.40		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
15.0kW						
6.7	21400	217.62	88800	0.85		
8.2	17500	178.20	101800	1.05		
9.0	16000	162.96	105700	1.15		
10	13900	141.80	110500	1.30		
12	12300	125.14	113600	1.45	YQFA 157	4
13	10600	108.49	116300	1.70	YQFAF157	4
15	9470	96.53	115800	1.90	YQF 157	4
17	8420	85.80	113200	2.1	YQFF 157	4
19	7700	78.46	111200	2.3		
21	6700	68.28	108000	2.7		
24	5910	60.25	105100	3.0		
9.8	14600	98.95	85300	0.80	YQFA 127	6
11	12900	87.31	88700	0.95	YQFAF127	6
13	11100	75.41	88300	1.10	YQF 127	6
14	10300	70.07	87600	1.15	YQFF 127	6
15	9440	63.91	86700	1.25		
12	12300	125.37	89000	1.00		
13	11200	114.34	88300	1.05	YQFA 127	4
15	9710	98.95	87000	1.25	YQFAF127	4
17	8570	87.31	85600	1.40	YQF 127	4
19	7400	75.41	83800	1.60	YQFF 127	4
21	6870	70.07	82800	1.75		
16	9070	92.47	45900	0.85	YQFA 107	4
17	8680	88.49	47100	0.90	YQFAF107	4
17	8240	83.99	48300	0.95	YQF 107	4
20	7310	74.52	50800	1.05	YQFF 107	4
22	6630	67.62	52500	1.15		
25	5700	58.12	52200	1.35	YQFA 107	4
29	4980	50.73	51500	1.55	YQFAF107	4
34	4220	43.03	50400	1.80	YQF 107	4
39	3690	37.61	49300	2.1	YQFF 107	4
46	3120	31.80	48000	2.5		
43	3320	33.79	48500	2.2	YQFA 107	4
53	2700	27.57	46700	2.9	YQFAF107	4
58	2470	25.14	45900	3.2	YQF 107	4
67	2130	21.76	44500	3.7	YQFF 107	4
33	4360	44.49	22900	1.00	YQFA 97	4
38	3810	38.86	23100	1.15	YQFAF97	4
45	3190	32.50	23200	1.35	YQF 97	4
					YQFF 97	4
43	3330	33.91	23200	1.30		
48	2980	30.39	23200	1.45		
53	2690	27.44	23100	1.60		
59	2450	24.92	22900	1.75	YQFA 97	4
66	2170	22.11	22600	2.0	YQFAF97	4
73	1970	20.07	22400	2.2	YQF 97	4
85	1690	17.25	21900	2.5	YQFF 97	4
97	1480	15.06	21400	2.9		
114	1250	12.77	20800	3.4		
131	1100	11.16	20200	3.7		
55	2600	26.50	12300	1.15		
62	2320	23.68	12600	1.30		
68	2090	21.32	12700	1.45		
76	1890	19.31	12800	1.60		
85	1680	17.12	12900	1.80		
94	1520	15.48	12800	2.0		
111	1290	13.12	12700	2.3	YQFA 87	4
127	1120	11.46	12600	2.7	YQFAF87	4
152	940	9.58	12300	3.1	YQF 87	4
176	810	8.29	11700	1.90	YQFF 87	4
199	720	7.35	11500	2.1		
220	650	6.65	11300	2.3		
259	555	5.63	11000	2.8		
297	485	4.92	10700	3.2		
355	405	4.12	10300	3.6		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
18.5kW						
7.2	22500	202	76400	0.80	YQFA 157 R97	4
7.5	21800	197	86800	0.80	YQFAF157 R97	4
					YQF 157 R97	4
					YQFF 157 R97	4
8.2	21500	178.20	88200	0.85		
9.0	19700	162.96	95000	0.90		
10	17100	141.80	102800	1.05		
12	15100	125.14	107900	1.20	YQFA 157	4
14	13100	108.49	112100	1.40	YQFAF 157	4
15	11600	96.53	111300	1.55	YQF 157	4
17	10300	85.80	109300	1.75	YQFF 157	4
19	9460	78.46	107600	1.90		
21	8230	68.28	104900	2.2		
24	7270	60.25	102300	2.5		
28	6300	52.24	99300	2.9		
13	13800	114.34	82200	0.85		
15	11900	98.95	81700	1.00		
17	10500	87.31	80900	1.15	YQFA 127	4
19	9090	75.41	79700	1.30	YQFAF 127	4
21	8450	70.07	79000	1.40	YQF 127	4
23	7710	63.91	79100	1.55	YQFF 127	4
26	6670	55.31	76400	1.80		
30	5880	48.80	74900	2.0		
20	8990	74.52	46200	0.85	YQFA 107	4
22	8150	67.62	48500	0.95	YQFAF107	4
25	7010	58.12	48700	1.10	YQF 107	4
29	6120	50.73	48400	1.25	YQFF 107	4
34	5190	43.03	47700	1.50	YQFA 107	4
39	4540	37.61	47000	1.70	YQFAF107	4
46	3830	31.80	46000	2.0	YQF 107	4
					YQFF 107	4
43	4070	33.79	46400	1.80	YQFA 107	4
53	3320	27.57	45000	2.4	YQFAF107	4
58	3030	25.14	44300	2.6	YQF 107	4
67	2620	21.76	43200	3.0	YQFF 107	4
38	4690	38.86	20000	0.90	YQFA 97	4
45	3920	32.50	20600	1.10	YQFAF97	4
					YQF 97	4
					YQFF 97	4
53	3310	27.44	20900	1.30		
59	3010	24.92	20900	1.45		
66	2670	22.11	20900	1.60	YQFA 97	4
73	2420	20.07	20800	1.80	YQFAF 97	4
85	2080	17.25	20500	2.1	YQF 97	4
97	1820	15.06	20200	2.4	YQFF 97	4
115	1540	12.77	19800	2.8		
131	1350	11.16	19300	3.0		
69	2570	21.32	10900	1.15		
76	2330	19.31	11100	1.30		
86	2060	17.12	11400	1.45		
95	1870	15.48	11500	1.60		
112	1580	13.12	11600	1.90	YQFA 87	4
128	1380	11.46	11600	2.2	YQFAF 87	4
153	1160	9.58	11500	2.5	YQF 87	4
177	1000	8.29	10900	1.55	YQFF 87	4
199	890	7.35	10800	1.75		
220	800	6.65	10700	1.90		
260	680	5.63	10400	2.2		
298	595	4.92	10200	2.6		
356	495	4.12	9900	2.9		

Output speed n_a [r/min]	Output torque M_a [N•m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model	Pole P
22kW						
10	20900	96.53	90500	0.85	YQFA 157	6
11	18600	85.80	98500	0.95	YQFAF 157	6
12	17000	78.46	103100	1.05	YQF 157	6
14	14800	68.28	107700	1.20	YQFF 157	6
10	20300	141.80	92600	0.90		
12	17900	125.14	100400	1.00		
14	15600	108.49	106800	1.15		
15	13800	96.53	106900	1.30		
17	12300	85.80	105400	1.45	YQFA 157	4
19	11300	78.46	104000	1.60	YQFAF 157	4
21	97900	68.28	101700	1.85	YQF 157	4
24	8640	60.25	99600	2.1	YQFF 157	4
28	7490	52.24	97000	2.4		
32	6660	46.48	94800	2.7		
37	5740	40.06	91900	3.1		
45	4670	32.55	97800	3.9		
15	14200	98.95	76400	0.85		
17	12500	87.31	76300	0.95		
19	10800	75.41	75700	1.10	YQFA 127	4
21	10000	70.07	75300	1.20	YQFAF 127	4
23	9160	63.91	74700	1.30	YQF 127	4
26	7930	55.31	73500	1.50	YQFF 127	4
30	7000	48.80	72300	1.70		
35	6040	42.15	70700	2.0		
25	8330	58.12	45200	0.90	YQFA 107	4
29	7280	50.73	45300	1.05	YQFAF 107	4
34	6170	43.03	45100	1.25	YQF 107	4
					YQFF 107	4
39	5390	37.61	44800	1.40	YQFA 107	4
46	4560	31.80	44100	1.70	YQFAF 107	4
					YQF 107	4
					YQFF 107	4
43	4850	33.79	44300	1.55	YQFA 107	4
53	3950	27.57	43300	2.0	YQFAF 107	4
58	3610	25.14	42800	2.2	YQF 107	4
67	3120	21.76	41900	2.5	YQFF 107	4
76	2750	19.20	41000	2.8		
53	3940	27.44	18700	1.10		
59	3570	24.92	18900	1.20		
66	3170	22.11	19100	1.35	YQFA 97	4
73	2880	20.07	19200	1.50	YQFAF 97	4
85	2470	17.25	19100	1.75	YQF 97	4
97	2160	15.06	19000	2.0	YQFF 97	4
115	1830	12.77	18700	2.3		
131	1600	11.16	18400	2.6		
69	3060	21.32	8990	1.00		
76	2770	19.31	9430	1.10		
86	2460	17.12	9850	1.20		
95	2220	15.48	10100	1.35		
112	1880	13.12	10400	1.60		
128	1640	11.46	10600	1.85	YQFA 87	4
153	1370	9.58	10600	2.1	YQFAF 87	4
177	1190	8.29	10100	1.30	YQF 87	4
199	1050	7.35	10100	1.45	YQFF 87	4
220	950	6.65	10000	1.60		
260	810	5.63	9900	1.90		
298	705	4.92	9750	2.2		
356	590	4.12	9500	2.5		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
30kW						
14	21100	108.49	89600	0.85		
15	18800	96.53	96900	0.95		
17	16700	85.80	96400	1.10		
19	15300	78.46	95800	1.20	YQFA 157	4
22	13300	68.28	94600	1.35	YQFAF 157	4
24	11700	60.25	93300	1.55	YQF 157	4
28	10200	52.24	91500	1.75	YQFF 157	4
32	9060	46.48	89900	2.0		
37	7810	40.06	87700	2.3		
19	14700	75.41	66600	0.80		
21	13700	70.07	66800	0.90		
23	12500	63.91	66900	0.95		
27	10800	55.31	66700	1.10	YQFA 127	4
30	9510	48.80	66300	1.25	YQFAF 127	4
35	8210	42.15	65500	1.45	YQF 127	4
39	7270	37.28	64700	1.65	YQFF 127	4
47	6110	31.33	63200	1.95		
58	4930	25.30	61200	2.4		
55	5240	26.86	61800	1.60	YQFA 127	4
60	4790	24.57	60900	1.80	YQFAF 127	4
69	4170	21.38	59400	2.9	YQF 127	4
78	3680	18.87	58000	3.0	YQFF 127	4
34	8390	43.03	39200	0.90	YQFA 107	4
39	7330	37.61	39600	1.05	YQFAF 107	4
46	6200	31.80	39700	1.25	YQF 107	4
					YQFF 107	4
53	5370	27.57	39500	1.45		
58	4900	25.14	39300	1.60		
68	4240	21.76	38800	1.85	YQFA 107	4
77	3730	19.20	38300	2.1	YQFAF 107	4
89	3230	16.85	37600	2.4	YQF 107	4
100	2860	14.67	36900	2.7	YQFF 107	4
119	2400	12.33	35900	2.9		
148	1940	9.96	34500	3.3		
66	4310	22.11	15100	1.00		
73	3910	20.07	15500	1.10		
85	3360	17.25	16000	1.30		
98	2930	15.06	16300	1.45	YQFA 97	4
115	2490	12.77	16400	1.75	YQFAF 97	4
132	2180	11.16	16400	1.90	YQF 97	4
162	1770	9.06	15400	1.35	YQFF 97	4
179	1600	8.22	15300	1.45		
208	1380	7.07	15100	1.70		
238	1200	6.17	14900	1.85		
281	1020	5.23	14600	2.1		
321	890	4.57	14300	2.3		
37kW						
17	20600	85.80	88600	0.85		
19	18900	78.46	88700	0.95		
22	16400	68.28	88400	1.10	YQFA 157	4
24	14500	60.25	87800	1.25	YQFAF 157	4
28	12600	52.24	86800	1.45	YQF 157	4
32	11200	46.48	85700	1.60	YQFF 157	4
37	9630	40.06	84000	1.85		
45	7820	32.55	81400	2.3		
53	6630	27.60	79100	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
37kW						
27	13300	55.31	60900	0.90		
30	11700	48.80	61100	1.00	YQFA 127	4
35	10100	42.15	61100	1.20	YQFAF127	4
39	8960	37.28	60700	1.35	YQF 127	4
47	7530	31.33	59900	1.60	YQFF 127	4
58	6080	25.30	58500	1.90		
55	6460	26.86	58900	1.30		
60	5910	24.57	58300	1.45		
69	5140	21.38	57100	2.3		
78	4530	18.87	56000	2.4	YQFA 127	4
90	3930	16.36	54600	2.8	YQFAF127	4
101	3500	14.55	53400	3.1	YQF 127	4
117	3010	12.54	51900	3.3	YQFF 127	4
144	2450	10.19	49600	3.9		
166	2130	8.86	47700	3.3		
186	1890	7.88	46500	3.2		
53	6630	27.57	36200	1.20		
58	6040	25.14	36200	1.30		
68	5230	21.76	36200	1.50		
77	4610	19.20	36000	1.70		
89	3990	16.58	35600	1.95	YQFA 107	4
100	3530	14.67	35100	2.2	YQFAF107	4
119	2960	12.33	34400	2.4	YQF 107	4
148	2390	9.96	33300	2.7	YQFF 107	4
152	2330	9.69	32400	2.1		
176	2010	8.37	31700	2.4		
199	1780	7.40	31000	2.6		
236	1500	6.22	30000	3.1		
45kW						
22	20000	68.28	81300	0.90		
24	17600	60.25	81600	1.00	YQFA 157	4
28	15300	52.24	81300	1.20	YQFAF157	4
32	13600	46.48	80900	1.30	YQF 157	4
37	11700	40.06	79900	1.55	YQFF 157	4
45	9510	32.55	78000	1.90		
53	8070	27.60	76200	2.2		
30	14300	48.80	55200	0.85	YQFA 127	4
35	12300	42.15	56000	0.95	YQFAF127	4
39	10900	37.28	56200	1.10	YQF 127	4
47	9160	31.33	56100	1.30	YQFF 127	4
58	7400	25.30	55400	1.60		
55	7850	26.86	55700	1.10		
60	7180	24.57	55300	1.20		
69	6250	21.38	54500	1.90		
78	5520	18.87	53700	2.0		
90	4780	16.36	52600	2.3	YQFA 127	4
101	4250	14.55	51600	2.6	YQFAF 127	4
117	3670	12.54	50300	2.7	YQF 127	4
144	2980	10.19	48400	3.2	YQFF 127	4
166	2590	8.86	46600	2.7		
186	2300	7.88	45500	2.6		
216	1990	6.80	44000	3.5		
266	1610	5.52	42000	3.7		
53	8060	27.57	32400	0.95		
58	7350	25.14	32800	1.05		
68	6360	21.76	33200	1.25		
77	5610	19.20	33300	1.40		
89	4850	16.58	33300	1.60	YQFA 107	4
100	4290	14.67	33100	1.80	YQFAF 107	4
119	3600	12.33	32700	1.95	YQF 107	4
148	2910	9.96	31900	2.2	YQFF 107	4
152	2830	9.69	31000	1.75		
176	2450	8.37	30400	1.95		
199	2160	7.40	29900	2.1		
236	1820	6.22	29100	2.5		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
55kW						
24	21500	60.25	73800	0.85		
28	18600	52.24	74600	0.95	YQFA 157	4
32	16500	46.48	74800	1.10	YQFAF157	4
37	14300	40.06	74700	1.25	YQF 157	4
45	11600	32.55	73800	1.55	YQFF 157	4
53	9830	27.60	72600	1.85		
52	10200	28.60	72900	1.65		
58	9060	25.43	71600	1.65	YQFA 157	4
67	7890	22.16	70600	2.3	YQFAF157	4
75	7040	19.77	69400	2.4	YQF 157	4
88	6000	16.85	67600	3.0	YQFF 157	4
40	13300	37.28	50600	0.90	YQFA 127	4
47	11200	31.33	51400	1.10	YQFAF127	4
58	9010	25.30	51600	1.35	YQF 127	4
					YQFF 127	4
69	7610	21.38	51300	1.60		
78	6720	18.87	50800	1.65		
90	5820	16.36	50100	1.90		
101	5180	14.55	49400	2.1	YQFA 127	4
118	4470	12.54	48400	2.2	YQFAF127	4
145	3630	10.19	46800	2.6	YQF 127	4
166	3160	8.86	45100	2.2	YQFF 127	4
187	2810	7.88	44200	2.1		
217	2420	6.80	42900	2.9		
267	1970	5.52	41100	3.0		
315	1670	4.68	39600	3.6		
75kW						
32	22500	46.48	62900	0.80	YQFA 157	4
37	19400	40.06	64400	0.95	YQFAF157	4
45	15800	32.55	65400	1.15	YQF 157	4
54	13400	27.60	65500	1.35	YQFF 157	4
52	13800	28.60	65500	1.25		
58	12300	25.43	65400	1.20	YQFA 157	4
67	10700	22.16	64900	1.70	YQFAF157	4
75	9570	19.77	64300	1.80	YQF 157	4
88	8150	16.85	63200	2.2	YQFF 157	4
106	6760	13.96	61600	2.5		
124	5770	11.92	60100	2.8		
58	12200	25.30	44000	1.00	YQFA 127	4
					YQFAF127	4
					YQF 127	4
					YQFF 127	4
69	10300	21.38	44800	1.15		
78	9130	18.87	45100	1.20		
90	7920	16.36	45200	1.40		
102	7040	14.55	45000	1.55	YQFA 127	4
118	6070	12.54	44600	1.65	YQFAF127	4
145	4930	10.19	43700	1.95	YQF 127	4
167	4290	8.86	42200	1.65	YQFF 127	4
188	3810	7.88	41600	1.55		
218	3290	6.80	40700	2.1		
268	2670	5.52	39300	2.2		
316	2270	4.68	38100	2.7		

Output speed n_2 [r/min]	Output torque M_2 [N•m]	Ratio i	Permitted overhung load F_{R2} [N]	Service factor f_B	Model	Pole P
90kW						
45	18900	32.55	59100	0.95	YQFA 157	4
54	16000	27.60	60200	1.10	YQFAF157	4
					YQF 157	4
					YQFF 157	4
52	16600	28.60	60000	1.00		
58	14800	25.43	60400	1.00	YQFA 157	4
67	12900	22.16	60600	1.40	YQFAF157	4
75	11500	19.77	60500	1.50	YQF 157	4
88	9790	16.85	59900	1.85	YQFF 157	4
106	8110	13.96	58900	2.1		
124	6920	11.92	57800	2.3		
58	14700	25.30	33100	0.80	YQFA 127	4
					YQFAF127	4
					YQF 127	4
					YQFF 127	4
69	12400	21.38	38800	0.95		
78	11000	18.87	40900	1.00		
90	9500	16.36	41500	1.15		
102	8450	14.55	41700	1.30	YQFA 127	4
118	7280	12.54	41800	1.35	YQFAF127	4
145	5920	10.19	41400	1.60	YQF 127	4
167	5150	8.86	40100	1.35	YQFF 127	4
188	4580	7.88	39700	1.30		
218	3950	6.80	39000	1.75		
268	3210	5.52	37900	1.85		
316	2720	4.68	36900	2.2		
110kW						
54	19500	27.60	53100	0.90	YQFA 157	4
					YQFAF157	4
					YQF 157	4
					YQFF 157	4
67	15700	22.16	54900	1.15		
75	14000	19.77	55400	1.20	YQFA 157	4
88	11900	16.85	55600	1.50	YQFAF157	4
106	9880	13.96	55300	1.70	YQF 157	4
125	8430	11.92	54700	1.90	YQFF 157	4
132kW						
67	18800	22.16	48700	0.95	YQFA 157	4
75	16800	19.77	49800	1.00	YQFAF157	4
88	14300	16.85	50900	1.25	YQF 157	4
106	11900	13.96	51400	1.45	YQFF 157	4
125	10100	11.92	51400	1.60		
160kW						
88	17300	16.85	44800	1.05	YQFA 157	4
106	14400	13.96	46400	1.20	YQFAF157	4
125	12300	11.92	47100	1.30	YQF 157	4
					YQFF 157	4
200kW						
88	21700	16.85	36100	0.85	YQFA 157	4
106	18000	13.96	39200	0.95	YQFAF157	4
125	15300	11.92	41000	1.05	YQF 157	4
					YQFF 157	4

YQF37/47R17, YQF57R37 n_a=1400 r/min

YQF37R17			200Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
8193	0.17	200	4290
7064	0.20	200	4290
6585	0.21	200	4290
5756	0.24	200	4290
4963	0.28	200	4290
4434	0.32	200	4290
3875	0.36	200	4290
3392	0.41	200	4290
2965	0.47	200	4290
2587	0.54	200	4290
2284	0.61	200	4290
1997	0.70	200	4290
1929	0.73	200	4290
1742	0.80	200	4290
1679	0.83	200	4290
1550	0.90	200	4290
1545	0.91	200	4290
1370	1.0	200	4290
1356	1.0	200	4290
1198	1.2	200	4290
1180	1.2	200	4290
1047	1.3	200	4290
1044	1.3	200	4290
915	1.5	200	4290
914	1.5	200	4290
808	1.7	200	4290
807	1.7	200	4290
707	2.0	200	4290
698	2.0	200	4290
617	2.3	200	4290
616	2.3	200	4290
544	2.6	200	4290
538	2.6	200	4290
477	2.9	200	4290
466	3.0	200	4290
412	3.4	200	4290
411	3.4	200	4290
365	3.8	200	4290
364	3.8	200	4290
326	4.3	200	4290
322	4.3	200	4290
285	4.9	200	4290
278	5.0	200	4290
250	5.6	200	4290
242	5.8	200	4290
221	6.3	200	4290
219	6.4	200	4290
195	7.2	200	4290
186	7.5	200	4290
168	8.3	200	4290
167	8.4	200	4290
147	9.5	200	4290
145	9.7	200	4290
129	11	200	4290
127	11	200	4290
121	12	200	4290
118	12	200	4290
108	13	200	4290
98	14	200	4290
91	15	200	4290
87	16	200	4290

YQF47R17			200Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
12251	0.11	400	5920
10619	0.13	400	5920
9846	0.14	400	5920
8534	0.16	400	5920
7460	0.19	400	5920
6536	0.21	400	5920
5764	0.24	400	5920
5022	0.28	400	5920
4401	0.32	400	5920
3883	0.36	400	5920
3443	0.41	400	5920
2976	0.47	400	5920
2629	0.53	400	5920
2519	0.56	400	5920
2394	0.58	400	5920
2304	0.61	400	5920
2172	0.64	400	5920
2033	0.69	400	5920
2025	0.69	400	5920
1785	0.78	400	5920
1770	0.79	400	5920
1578	0.89	400	5920
1576	0.89	400	5920
1364	1.0	400	5920
1363	1.0	400	5920
1203	1.2	400	5920
1192	1.2	400	5920
1061	1.3	400	5920
1049	1.3	400	5920
931	1.5	400	5920
918	1.5	400	5920
822	1.7	400	5920
809	1.7	400	5920
706	2.0	400	5920
700	2.0	400	5920
622	2.3	400	5920
619	2.3	400	5920
543	2.6	400	5920
524	2.7	400	5920
489	2.9	400	5920
475	2.9	400	5920
427	3.3	400	5920
419	3.3	400	5920
381	3.7	400	5920
370	3.8	400	5920
334	4.2	400	5920
324	4.3	400	5920
295	4.7	400	5920
288	4.9	400	5920
253	5.5	400	5920
249	5.6	400	5920
218	6.4	400	5920
217	6.5	400	5920
193	7.3	400	5920
190	7.4	400	5920
178	7.9	400	5920
175	8.0	400	5920
149	9.4	400	5920
147	9.5	400	5920
131	11	400	5920
130	11	400	5920

YQF57R37			600Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
14832	0.09	600	8200
13604	0.10	600	8200
12602	0.11	600	8200
11252	0.12	600	8200
9986	0.14	600	8200
8787	0.16	600	8200
7908	0.18	600	8200
6913	1.20	600	8200
6013	0.23	600	8200
5289	0.26	600	8200
4654	0.30	600	8200
4060	0.34	600	8200
3564	0.39	600	8200
3161	0.44	600	8200
2854	0.49	600	8200
2737	0.51	600	8200
2576	0.54	600	8200
2409	0.58	600	8200
2266	0.62	600	8200
2131	0.66	600	8200
2012	0.70	600	8200
1840	0.76	600	8200
1791	0.78	600	8200
1623	0.86	600	8200
1617	0.87	600	8200
1439	0.97	600	8200
1422	0.98	600	8200
1243	1.1	600	8200
1238	1.1	600	8200
1106	1.3	600	8200
1066	1.3	600	8200
967	1.4	600	8200
949	1.5	600	8200
856	1.6	600	8200
851	1.6	600	8200
749	1.9	600	8200
738	1.9	600	8200
658	2.1	600	8200
646	2.2	600	8200
558	2.5	600	8200
549	2.6	600	8200
506	2.8	600	8200
483	2.9	600	8200
452	3.1	600	8200
426	3.3	600	8200
386	3.6	600	8200
382	3.7	600	8200
338	4.1	600	8200
330	4.2	600	8200
298	4.7	600	8200
298	4.7	600	8200
262	5.3	600	8200
255	5.5	600	8200
226	6.2	600	8200
226	6.2	600	8200
201	7.0	600	8200
200	7.0	600	8200
181	7.7	600	8200
170	8.2	600	8200
155	9.0	600	8200
152	9.2	600	8200
134	10	600	8200

YUQIU MACHINERY Through the ISO9001:2015 international system certification

YQF 67/77 R37, YQF87R57 n_a=1400 r/min

YQF67R37			820Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
19199	0.07	820	10300
17610	0.08	820	10300
14992	0.09	820	10300
12926	0.11	820	10300
11480	0.12	820	10300
10220	0.14	820	10300
8933	0.16	820	10300
7940	0.18	820	10300
7096	0.20	820	10300
6080	0.23	820	10300
5341	0.26	820	10300
4690	0.30	820	10300
4091	0.34	820	10300
3574	0.39	820	10300
3377	0.41	820	10300
3133	0.45	820	10300
2912	0.48	820	10300
2756	0.51	820	10300
2714	0.52	820	10300
2439	0.57	820	10300
2372	0.59	820	10300
2126	0.66	820	10300
2106	0.66	820	10300
1884	0.74	820	10300
1859	0.75	820	10300
1635	0.86	820	10300
1631	0.86	820	10300
1437	0.97	820	10300
1429	0.98	820	10300
1271	1.1	820	10300
1256	1.1	820	10300
1126	1.2	820	10300
1102	1.3	820	10300
984	1.4	820	10300
970	1.4	820	10300
864	1.6	820	10300
858	1.6	820	10300
755	1.9	820	10300
722	1.9	820	10300
641	2.2	820	10300
634	2.2	820	10300
572	2.4	820	10300
539	2.6	820	10300
509	2.8	820	10300
500	2.8	820	10300
454	3.1	820	10300
437	3.2	820	10300
392	3.6	820	10300
384	3.6	820	10300
338	4.1	820	10300
333	4.1	820	10300
305	4.6	820	10300
297	4.7	820	10300
261	5.4	820	10300
257	5.4	820	10300
238	5.9	820	10300
231	6.1	820	10300
205	6.8	820	10300
200	7.0	820	10300
176	8.0	820	10300
175	8.0	820	10300

YQF77R37			1500Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
19180	0.07	1500	15700
17593	0.08	1500	15700
16128	0.09	1500	15700
14978	0.09	1500	15700
13731	0.10	1500	15700
12049	0.12	1500	15700
11035	0.13	1500	15700
9683	0.14	1500	15700
8464	0.17	1500	15700
7520	0.19	1500	15700
6580	0.21	1500	15700
5808	0.24	1500	15700
5026	0.28	1500	15700
4931	0.28	1110	17900
4523	0.31	1110	17900
4435	0.32	1500	15700
3851	0.36	1110	17900
3832	0.37	1500	15700
3381	0.41	1500	15700
3320	0.42	1110	17900
3095	0.45	1110	17900
2978	0.47	1500	15700
2705	0.52	1110	17900
2613	0.54	1500	15700
2536	0.55	1110	17900
2284	0.61	1500	15700
2238	0.63	1110	17900
2039	0.69	1110	17900
2029	0.69	1500	15700
1759	0.80	1110	17900
1728	0.81	1500	15700
1639	0.85	1110	17900
1544	0.91	1500	15700
1433	0.98	1110	17900
1354	1.0	1500	15700
1343	1.0	1110	17900
1200	1.2	1500	15700
1185	1.2	1110	17900
1053	1.3	1500	15700
1051	1.3	1110	17900
910	1.5	1500	15700
893	1.6	1110	17900
815	1.7	1110	17900
810	1.7	1500	15700
710	2.0	1500	15700
706	2.0	1110	17900
660	2.1	1110	17900
615	2.3	1500	15700
571	2.5	1110	17900
538	2.6	1500	15700
485	2.9	1110	17900
480	2.9	1500	15700
433	3.2	1110	17900
413	3.4	1500	15700
370	3.8	1110	17900
367	3.8	1500	15700
346	4.0	1110	17900
323	4.3	1500	15700
292	4.8	1110	17900
280	5.0	1500	15700
247	5.7	1500	15700
221	6.3	1500	15700
199	7.0	1500	15700

YQF87R57			3000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{Ra} [N]
23042	0.06	3000	19800
20462	0.07	3000	19800
18238	0.08	3000	19800
15877	0.09	3000	19800
14099	0.10	3000	19800
12205	0.11	3000	19800
10433	0.13	3000	19800
9381	0.15	3000	19800
8142	0.17	3000	19800
7100	0.20	3000	19800
6273	0.22	3000	19800
5510	0.25	3000	19800
4954	0.28	3000	19800
4952	0.28	3000	19800
4562	0.31	3000	19800
4245	0.33	3000	19800
3919	0.36	3000	19800
3721	0.38	3000	19800
3503	0.40	3000	19800
3244	0.43	3000	19800
3196	0.44	3000	19800
2881	0.49	3000	19800
2857	0.49	3000	19800
2576	0.54	3000	19800
2524	0.55	3000	19800
2199	0.64	3000	19800
2134	0.66	3000	19800
1930	0.73	3000	19800
1913	0.73	3000	19800
1717	0.82	3000	19800
1709	0.82	3000	19800
1493	0.94	3000	19800
1476	0.95	3000	19800
1300	1.1	3000	19800
1278	1.1	3000	19800
1148	1.2	3000	19800
1142	1.2	3000	19800
1010	1.4	3000	19800
998	1.4	3000	19800
887	1.6	3000	19800
883	1.6	3000	19800
780	1.8	3000	19800
748	1.9	3000	19800
674	2.1	3000	19800
662	2.1	3000	19800
609	2.3	3000	19800
592	2.4	3000	19800
519	2.7	3000	19800
515	2.7	3000	19800
468	3.0	3000	19800
452	3.1	3000	19800
398	3.5	3000	19800
350	4.0	3000	19800
345	4.1	3000	19800
315	4.4	3000	19800
300	4.7	3000	19800
281	5.0	3000	19800
249	5.6	3000	19800
240	5.8	3000	19800
211	6.6	3000	19800
193	7.3	3000	19800

YQF 97R57,YQF107/127R77 n_a=1400 r/min

YQF97R57			4300Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
29211	0.05	4300	29900
26911	0.05	4300	29900
23814	0.06	4300	29900
20813	0.07	4300	29900
18119	0.08	4300	29900
15472	0.09	4300	29900
14022	0.10	4300	29900
12324	0.11	4300	29900
10838	0.13	4300	29900
9576	0.15	4300	29900
8318	0.17	4300	29900
7328	0.19	4300	29900
6469	0.22	4300	29900
6338	0.22	4300	29900
5680	0.25	4300	29900
5615	0.25	4300	29900
5016	0.28	4300	29900
4961	0.28	4300	29900
4367	0.32	4300	29900
4333	0.32	4300	29900
3914	0.36	4300	29900
3906	0.36	4300	29900
3357	0.42	4300	29900
3352	0.42	4300	29900
3009	0.47	4300	29900
2907	0.48	4300	29900
2553	0.55	4300	29900
2448	0.57	4300	29900
2245	0.62	4300	29900
2199	0.64	4300	29900
1971	0.71	4300	29900
1970	0.71	4300	29900
1741	0.80	4300	29900
1722	0.81	4300	29900
1527	0.92	4300	29900
1468	0.95	4300	29900
1327	1.1	4300	29900
1316	1.1	4300	29900
1189	1.2	4300	29900
1171	1.2	4300	29900
1023	1.4	4300	29900
1022	1.4	4300	29900
898	1.6	4300	29900
892	1.6	4300	29900
784	1.8	4300	29900
760	1.8	4300	29900
690	2.0	4300	29900
667	2.1	4300	29900
605	2.3	4300	29900
569	2.5	4300	29900
529	2.6	4300	29900
510	2.7	4300	29900
473	3.0	4300	29900
467	3.0	4300	29900
406	3.4	4300	29900
403	3.5	4300	29900
363	3.9	4300	29900
361	3.9	4300	29900
317	4.4	4300	29900
285	4.9	4300	29900
275	5.1	4300	29900
245	5.7	4300	29900
242	5.8	4300	29900
208	6.7	4300	29900
195	7.2	4300	29900

YQF107R77			780Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
25375	0.06	7680	49800
21652	0.06	7680	49800
18933	0.07	7680	49800
16888	0.08	7680	49800
14767	0.09	7680	49800
11348	0.12	7680	49800
10039	0.14	7680	49800
8548	0.16	7680	49800
7674	0.18	7680	49800
6767	0.21	7680	49800
5954	0.24	7680	49800
5383	0.26	7640	49800
5223	0.27	7680	49800
4593	0.30	7840	49400
4567	0.31	7680	49800
4016	0.35	7840	49400
3948	0.35	7680	49800
3815	0.37	7840	49400
3521	0.40	7680	49800
3347	0.42	7840	49400
3037	0.46	7680	49800
2839	0.49	7840	49400
2756	0.51	7680	49800
2563	0.55	7840	49400
2369	0.59	7680	49800
2255	0.62	7840	49400
2129	0.66	7840	49400
2068	0.68	7840	49400
1826	0.77	7680	49800
1813	0.77	7840	49400
1597	0.88	7680	49800
1590	0.88	7840	49400
1436	0.97	7840	49400
1401	1.0	7680	49800
1263	1.1	7840	49400
1243	1.1	7680	49800
1193	1.2	7840	49400
1084	1.3	7680	49800
1015	1.4	7840	49400
950	1.5	7680	49800
923	1.5	7840	49400
834	1.7	7680	49800
800	1.8	7840	49400
736	1.9	7680	49800
696	2.0	7840	49400
644	2.2	7840	49400
640	2.2	7680	49800
591	2.4	7840	49400
560	2.5	7680	49800
518	2.7	7840	49400
491	2.9	7840	49400
489	2.9	7680	49800
436	3.2	7680	49800
430	3.3	7840	49400
387	3.6	7840	49400
370	3.8	7680	49800
340	4.1	7840	49400
333	4.2	7680	49800
300	4.7	7840	49400
291	4.8	7680	49800
266	5.3	7840	49400
255	5.5	7680	49800
225	6.2	7680	49800
190	7.4	7680	49800

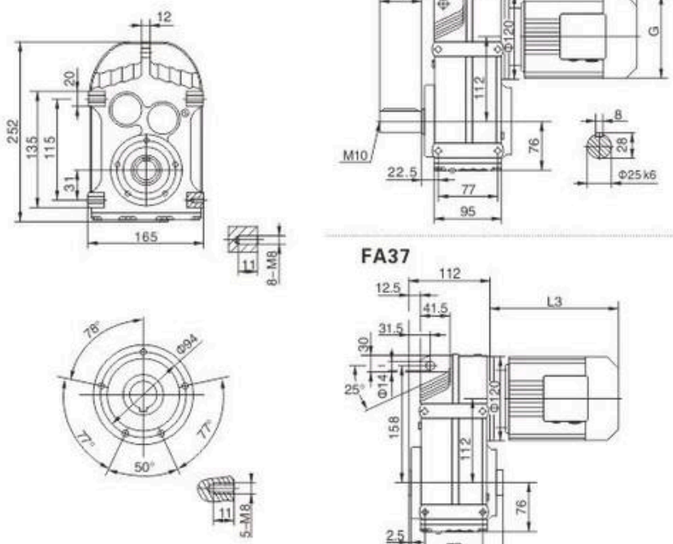
YQF127R77			12000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
24478	0.06	12000	90000
22323	0.06	12000	90000
19048	0.07	12000	90000
16656	0.08	12000	90000
14722	0.10	12000	90000
12912	0.11	12000	90000
11656	0.12	12000	90000
10191	0.14	12000	90000
8831	0.16	12000	90000
7643	0.18	12000	90000
6715	0.21	12000	90000
5925	0.24	12000	90000
5153	0.27	12000	90000
4533	0.31	12000	90000
3926	0.36	12000	90000
3454	0.41	12000	90000
3031	0.46	12000	90000
2672	0.52	12000	90000
2357	0.59	12000	90000
2038	0.69	12000	90000
1784	0.78	12000	90000
1606	0.87	12000	90000
1390	1.0	12000	90000
1220	1.1	12000	90000
1077	1.3	12000	90000
930	1.5	12000	90000
820	1.7	12000	90000
727	1.9	12000	90000
648	2.2	12000	90000
549	2.6	12000	90000
495	2.8	12000	90000
428	3.3	12000	90000
376	3.7	12000	90000

YQF 127/ R87, YQF 157 R97 n_a=1400 r/min

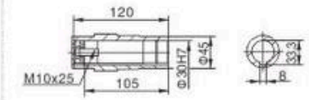
YQF127R87			12000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
483	2.9	12000	90000
418	3.3	12000	90000
374	3.7	12000	90000
312	4.5	12000	90000
293	4.8	12000	90000
259	5.4	12000	90000
223	6.3	12000	90000
198	7.1	12000	90000
166	8.4	12000	90000

YQF157R97			18000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
31434	0.04	18000	100300
26173	0.05	18000	100300
23464	0.06	18000	100300
20212	0.07	18000	100300
17984	0.08	18000	100300
16358	0.09	18000	100300
13751	0.10	18000	100300
12235	0.11	18000	100300
10033	0.14	18000	100300
9021	0.16	18000	100300
8026	0.17	18000	100300
7075	0.20	18000	100300
6295	0.22	18000	100300
5404	0.26	18000	100300
4831	0.29	18000	100300
4130	0.34	18000	100300
3607	0.39	18000	100300
3210	0.44	18000	100300
2780	0.50	18000	100300
2427	0.58	18000	100300
2185	0.64	18000	100300
1944	0.72	18000	100300
1674	0.84	18000	100300
1441	0.97	18000	100300
1308	1.1	18000	100300
1169	1.2	18000	100300
953	1.5	18000	100300
845	1.7	18000	100300
764	1.8	18000	100300
680	2.1	18000	100300
576	2.4	18000	100300
503	2.8	18000	100300
446	3.1	18000	100300
353	4.0	18000	100300
302	4.6	18000	100300
273	5.1	18000	100300
232	6.0	18000	100300
202	6.9	18000	100300
197	7.1	18000	100300

F37



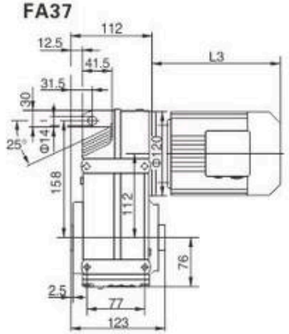
FA37/FAF37/FAZ37 Hollow shaft



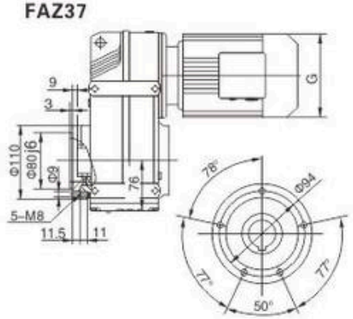
F..T37



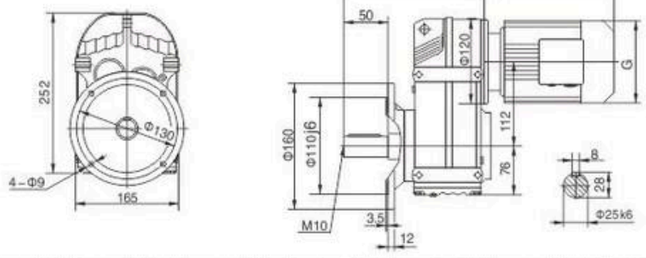
FA37



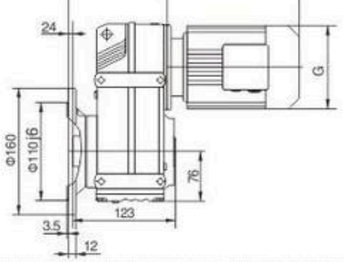
FAZ37



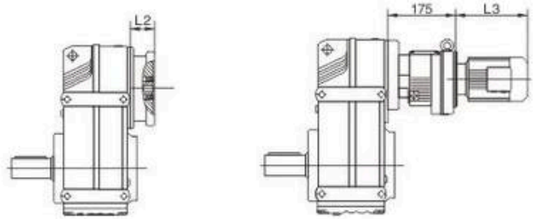
FF37



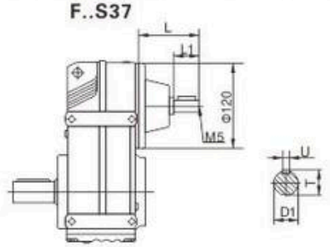
FAF37



F..37R17



F..S37



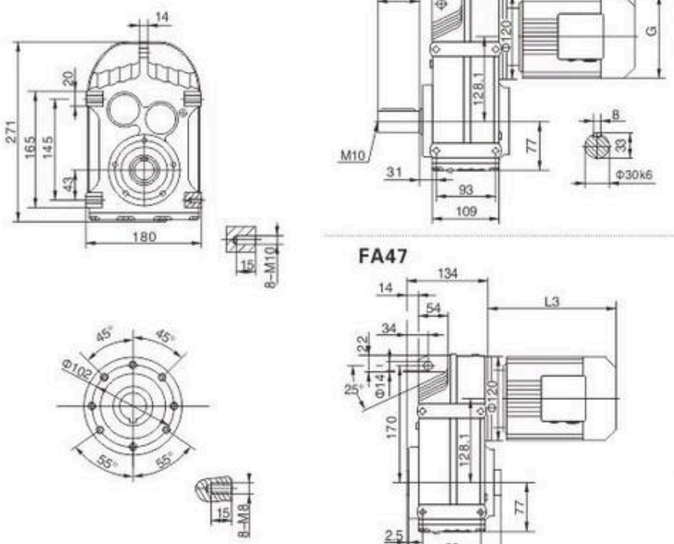
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details,see pages 201~203

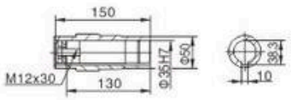
Y2 Motor size	63	71		80		90S	90L	100		
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	
L3	235	245		278		304	328	340		
G	130	145		175		195	195	215		
L2	45	92		80		80	80	80		

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F47



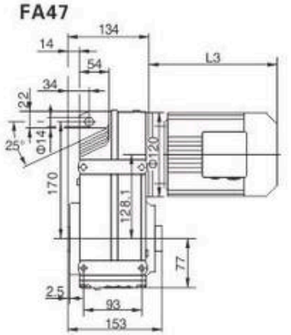
FA47/FAF47/FAZ47 Hollow shaft



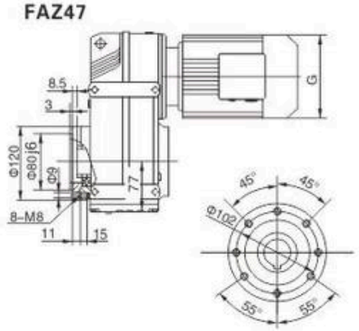
F..T47



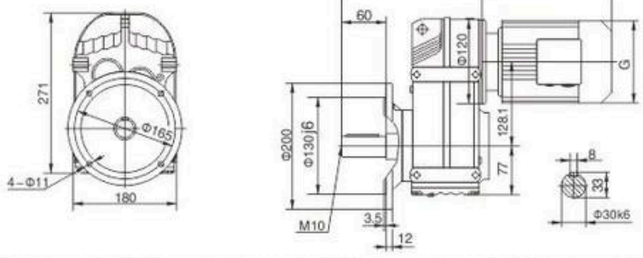
FA47



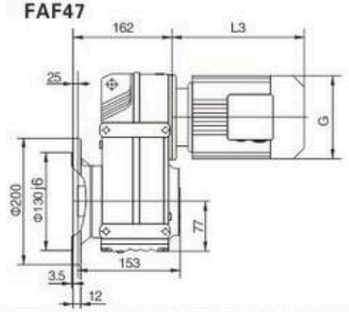
FAZ47



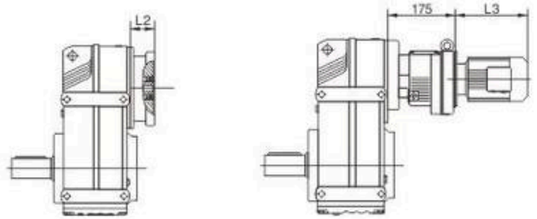
FF47



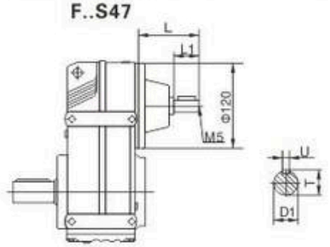
FAF47



F..47R17



F..S47



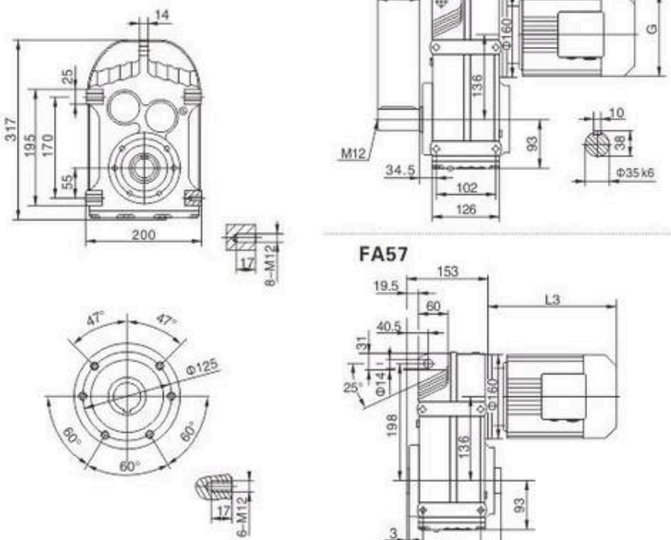
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details,see pages 201~203

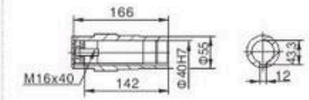
Y2 Motor size	63	71		80		90S	90L	100		
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	
L3	235	245		278		304	328	340		
G	130	145		175		195	195	215		
L2	45	92		80		80	80	80		

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F57



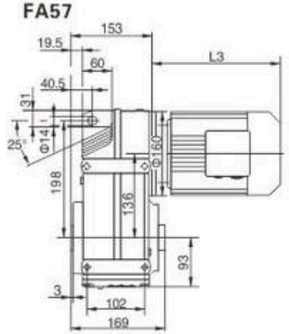
FA57/FAF57/FAZ57 Hollow shaft



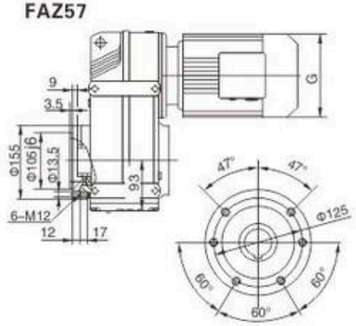
F..T57



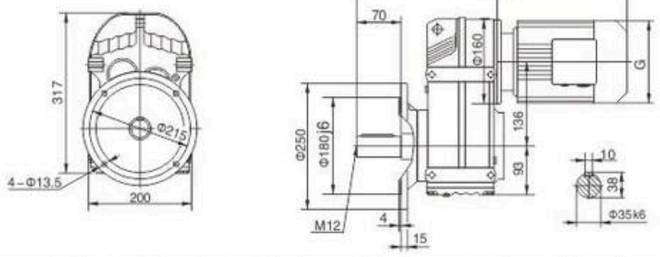
FA57



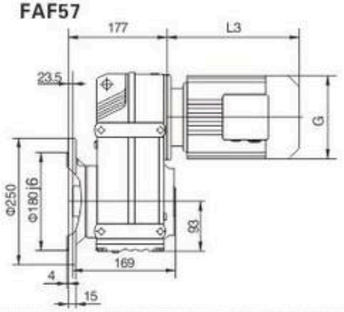
FAZ57



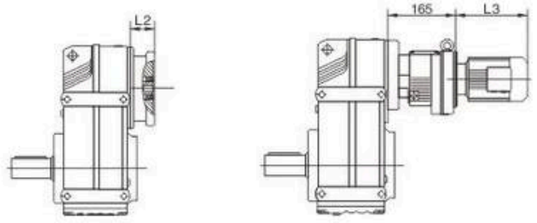
FF57



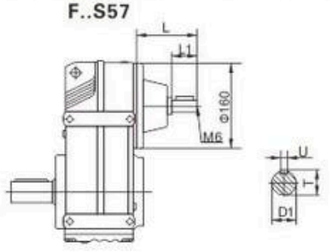
FAF57



F..57R37



F..S57



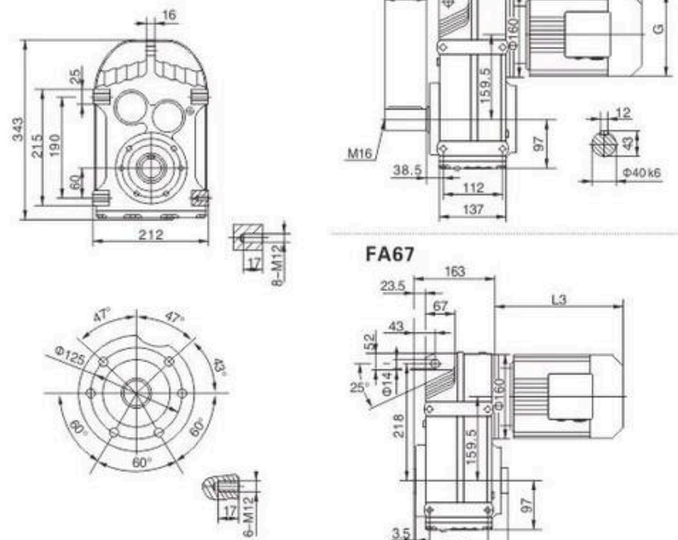
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details,see pages 201~203

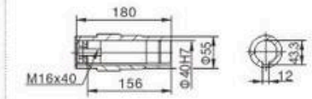
Y2 Motor size	63	71		80		90S	90L	100		112M	132S	
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4	5.5	
L3	223	245		278		304	328	350		380	425	
G	130	145		175		195	195	215		240	275	
L2	45	55		80		80	80	100		100	110	

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F67



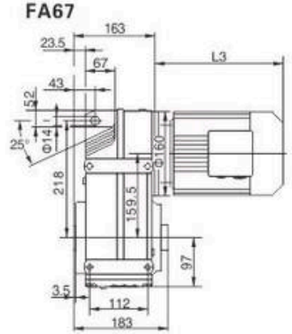
FA67/FAF67/FAZ67 Hollow shaft



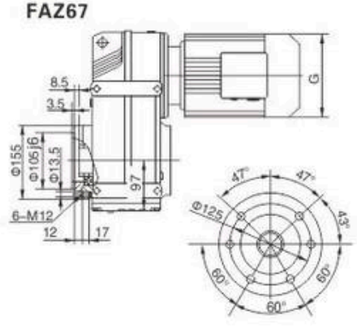
F..T67



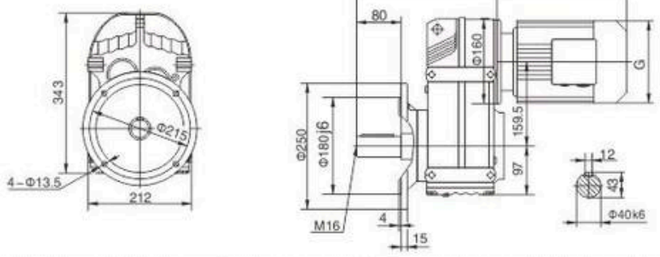
FA67



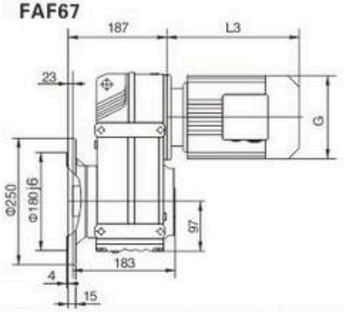
FAZ67



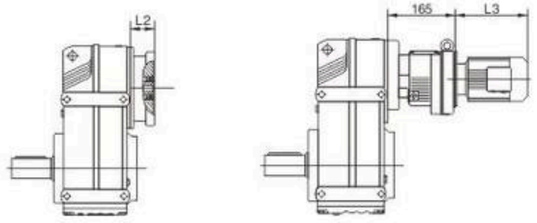
FF67



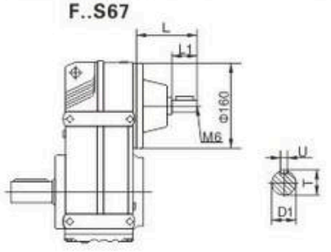
FAF67



F..67R37



F..S67



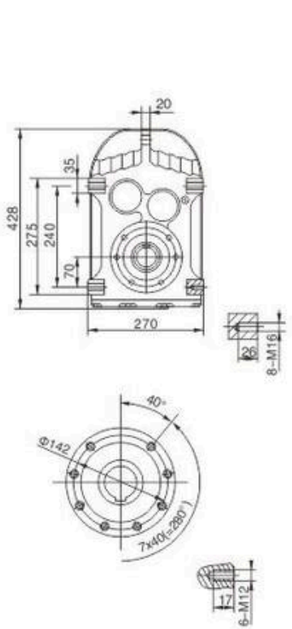
When equipping the user's motor or the special one,the flange is required to connected.

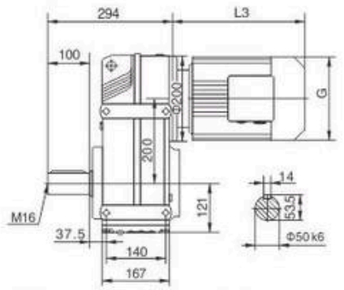
Note: For details,see pages 201~203

Y2 Motor size	63	71		80		90S	90L	100		112M	132S	
Power/4P Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4	5.5	
L3	223	245		278		304	328	350		380	425	
G	130	145		175		195	195	215		240	275	
L2	45	55		80		80	80	100		100	110	

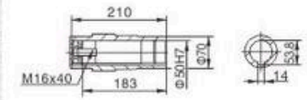
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F77





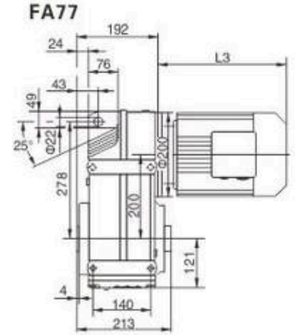
FA77/FAF77/FAZ77 Hollow shaft



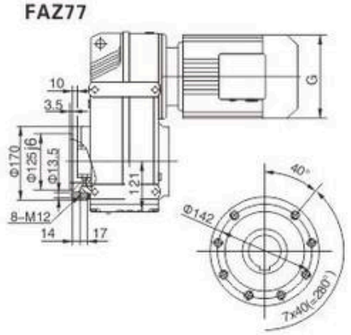
F..T77



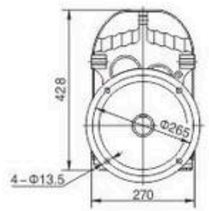
FA77

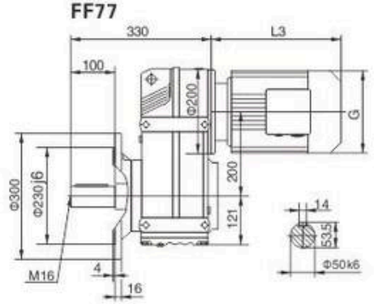


FAZ77

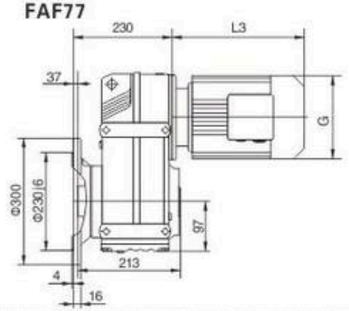


FF77

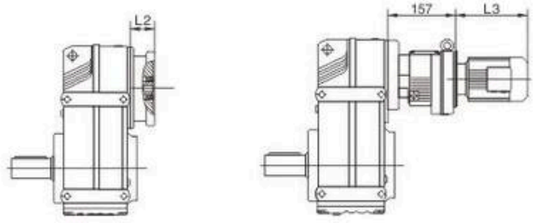




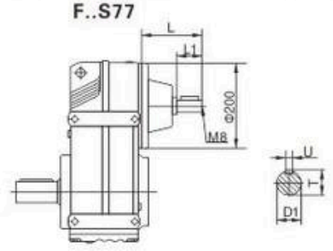
FAF77



F..77R37



F..S77



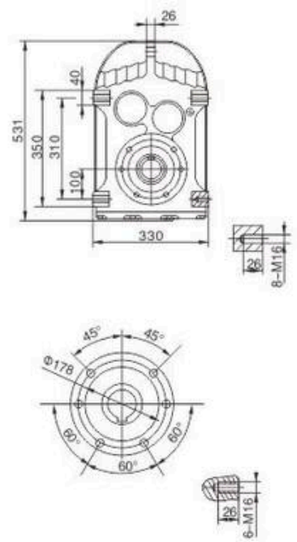
When equipping the user's motor or the special one,the flange is required to connected.

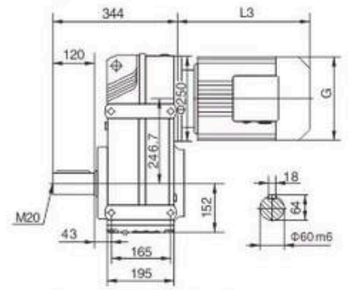
Note: For details,see pages 201~203

Y2 Motor size	71		80		90S	90L	100		112M	132S	132M	160M
Power/4P Power/(KW)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4	5.5	7.5	11
L3	233		278		304	328	350		380	425	461	524
G	145		175		195	195	215		240	275	275	330
L2	55		80		80	80	100		100	110	110	126

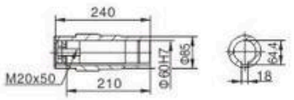
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F87





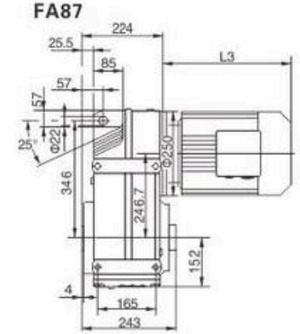
FA87/FAF87/FAZ87 Hollow shaft



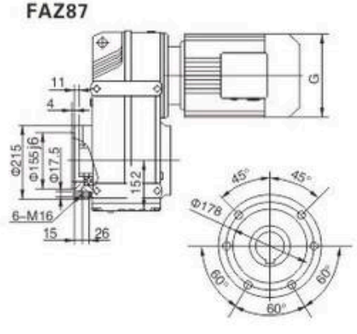
F..T87



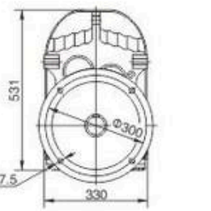
FA87

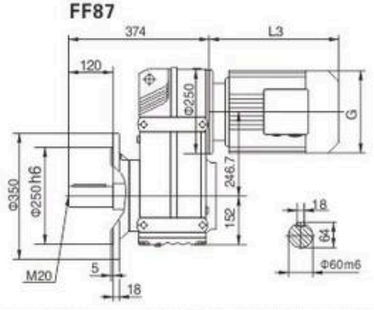


FAZ87

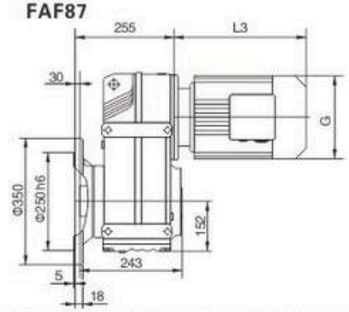


FF87

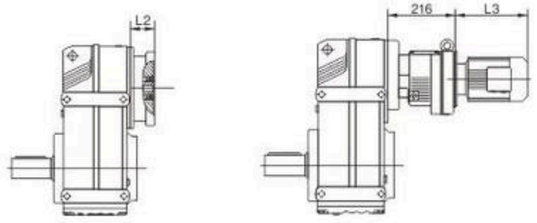




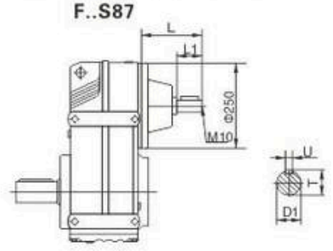
FAF87



F..87R57



F..S87



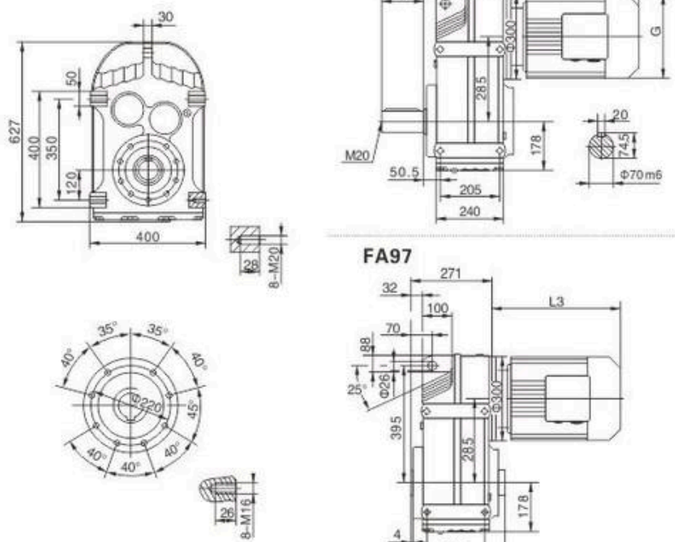
When equipping the user's motor or the special one,the flange is required to connected.

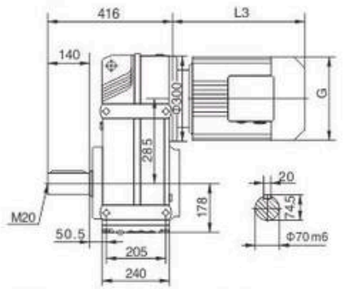
Note: For details,see pages 201~203

Y2 Motor size	80	90S	90L	100		112M	132S	132M	160M	160L	180M	180L
Power/4P Power/(KW)	0.75	1.1	1.5	2.2	3.0	4	5.5	7.5	11	15	18.5	22
L3	246	280	304	350		380	425	461	524	547	583	616
G	175	195	195	215		240	275	275	330	330	380	380
L2	80	80	80	100		100	110	110	133	133	133	133

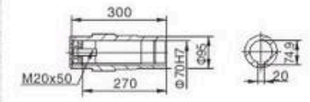
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F97





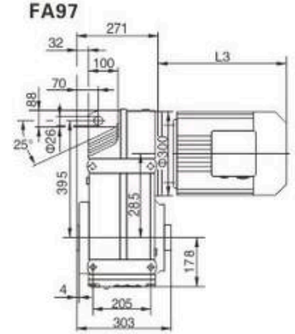
FA97/FAF97/FAZ97 Hollow shaft



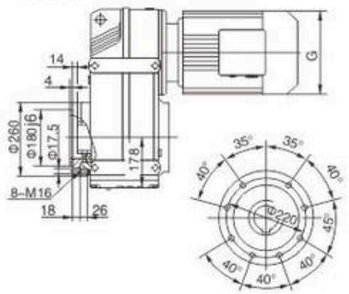
F..T97



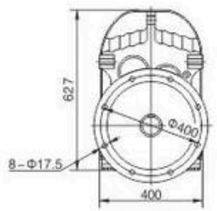
FA97

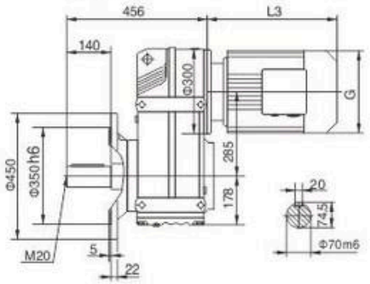


FAZ97

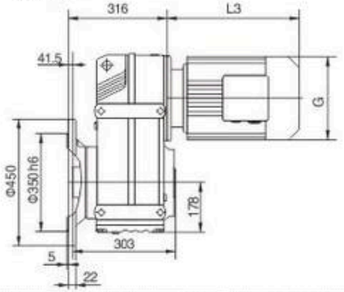


FF97

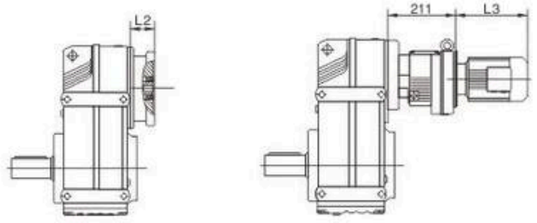




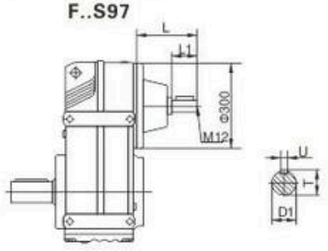
FAF97



F..97R57



F..S97



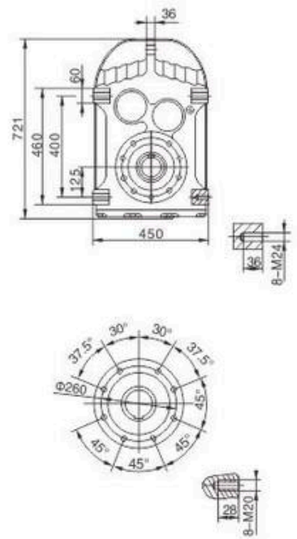
When equipping the user's motor or the special one,the flange is required to connected.

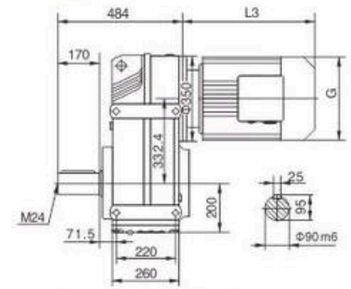
Note: For details,see pages 201~203

Y2 Motor size	90S	90L	100		112M	132S	132M	160M	160L	180M	180L	200
Power/4P Power/(KW)	1.1	1.5	2.2	3.0	4	5.5	7.5	11	15	18.5	22	30
L3	280	304	315		334	425	461	524	547	555	588	654
G	195	195	215		240	275	275	330	330	380	380	420
L2	107	107	100		100	110	110	133	133	133	133	135

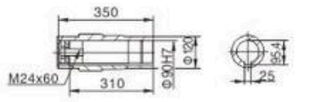
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F107





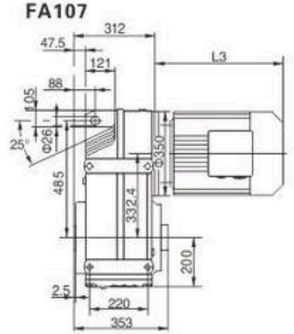
FA107/FAF107/FAZ107 Hollow shaft



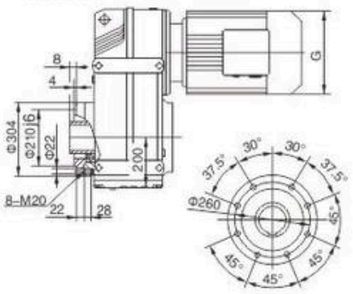
F..T107



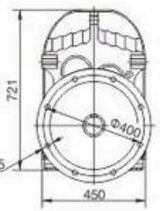
FA107

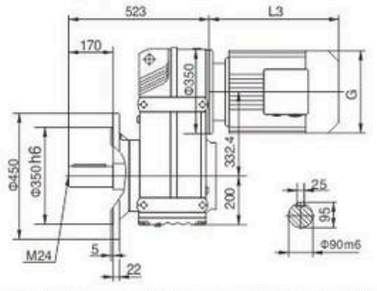


FAZ107

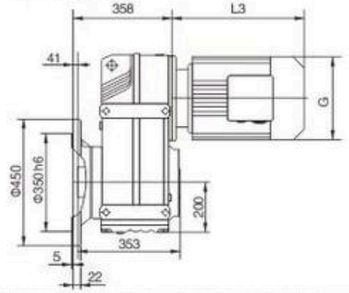


FF107

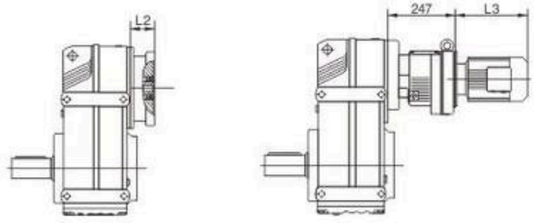




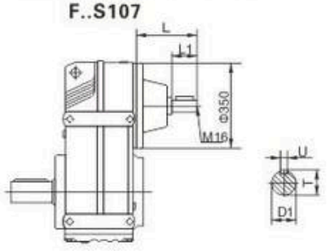
FAF107



F..107R77



F..S107



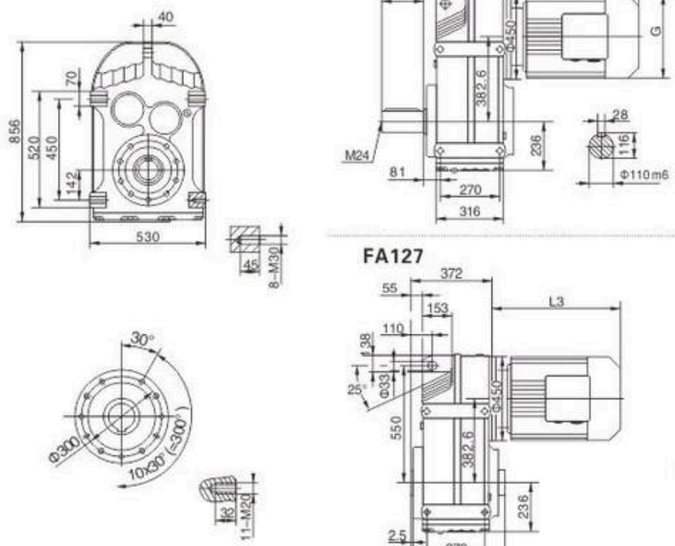
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details,see pages 201~203

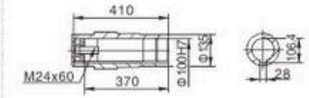
Y2 Motor size	100		112M	132S	132M	160M	160L	180M	180L	200	225S	225M
Power/4P Power/(KW)	2.2	3.0	4	5.5	7.5	11	15	18.5	22	30	37	45
L3	318		334	386	422	504	519	555	588	654	680	702
G	215		240	275	275	330	330	380	380	420	470	470
L2	100		100	110	110	133	133	133	133	135	143	143

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F127



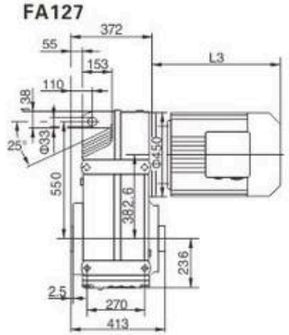
FA127/FAF127/FAZ127 Hollow shaft



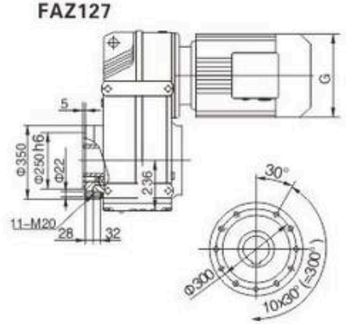
F..T127



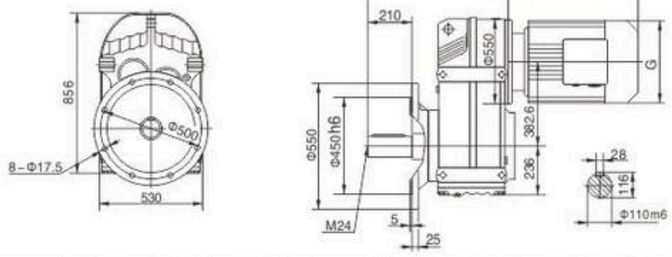
FA127



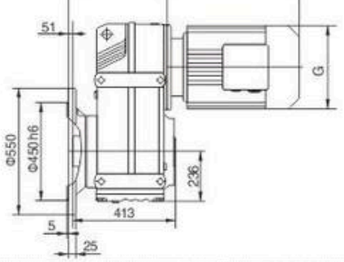
FAZ127



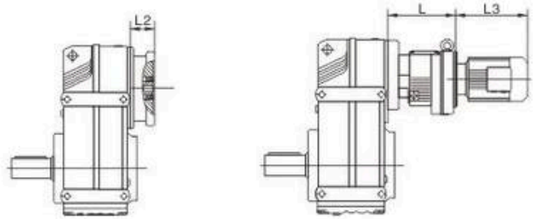
FF127



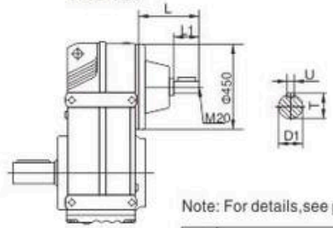
FAF127



F..127R77



F..S127



Note: For details,see pages 201–203

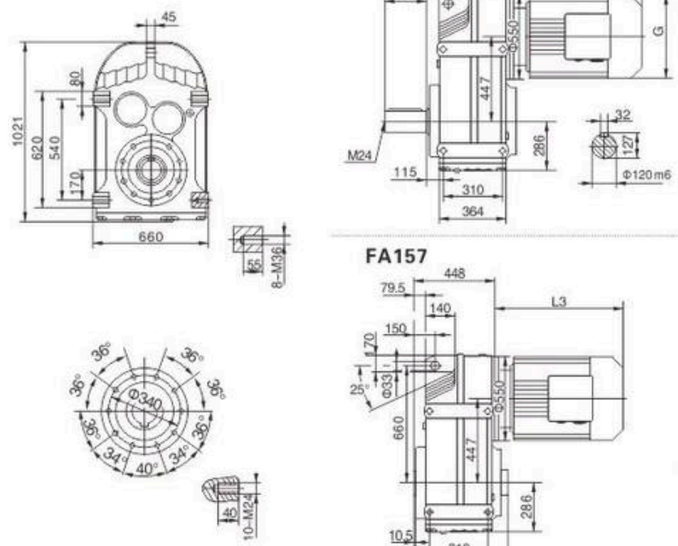
When equipping the user's motor or the special one,the flange is required to connected.

	F..127R77	F..127R87
L	232	280

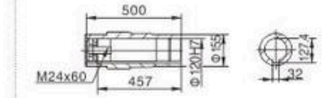
Y2 Motor size	132M	160M	160L	180M	180L	200	225S	225M	250	280S	280M
Power/4P Power/(KW)	7.5	11	15	18.5	22	30	37	45	55	75	90
L3	424	567	602	583	616	654	674	696	775	847	847
G	275	330	330	380	380	420	470	470	510	580	580
L2	125	125	125	125	125	147	162	162	170	170	170

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

F157



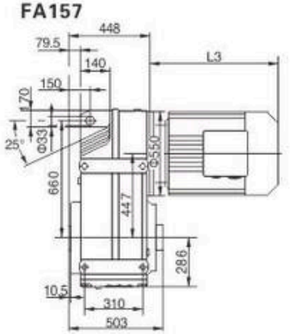
FA157/FAF157/FAZ157 Hollow shaft



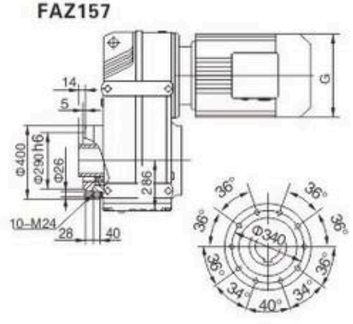
F..T157



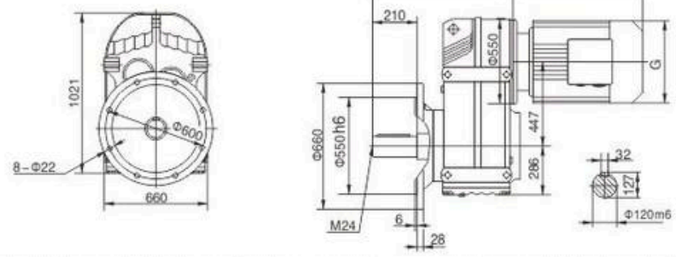
FA157



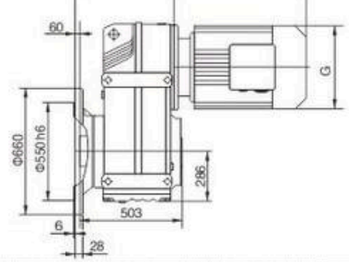
FAZ157



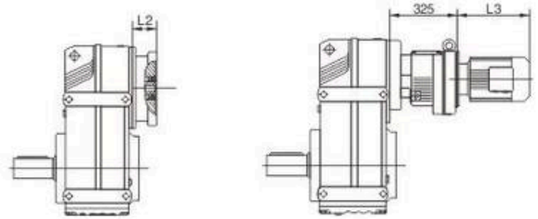
FF157



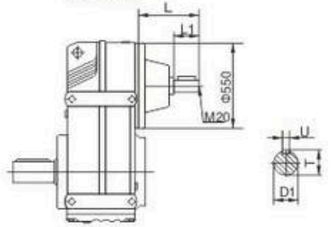
FAF157



F..157R97



F..S157



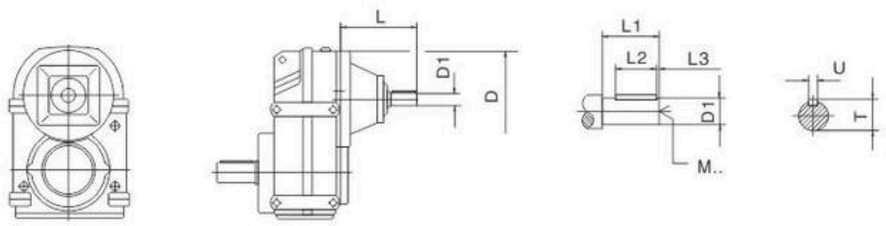
When equipping the user's motor or the special one,the flange is required to connected.

Note: For details,see pages 201–203

Y2 Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	315S	315M	315L
Power/4P Power/(KW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	567	602	635	666	642	669	691	770	828	879	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	125	125	125	125	147	145	145	170	170	170	–	–	–

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

YQF..AD



		D	L	D1	L1	L3	L2	T	U	M
YQF..27 YQF..37 YQF..47	Ad1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
YQF..57 YQF..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
YQF..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
YQF..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
YQF..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
YQF..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	10	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
YQF..127	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	10	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
YQF..157	AD5	550	258	42	110	10	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

YUQIU MACHINERY Through the ISO9001:2015 international system certification

YQF..AM..

Fig.1 Fig.2

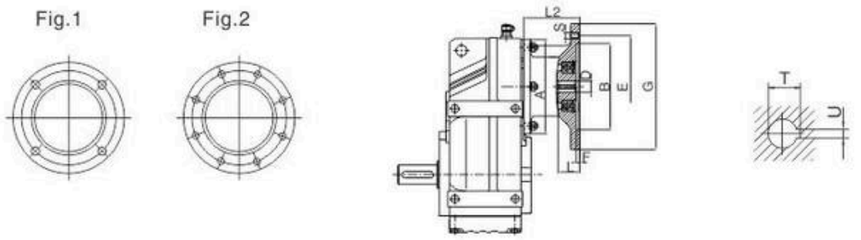


		Fig.	B	E	F	A	G	S	L2	D	L1	T	U
YQF..37 YQF..47	AM63	1	95	115	3.5	120	140	M8	45	11	23	12.8	4
	AM71[1)]		110	130			160		92	14	30	16.3	5
	AM80[1)]		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90[1)]									24	50	27.3	8
YQF..57 YQF..67	AM63	1	95	115	3.5	160	140	M8	45	11	23	12.8	4
	AM71		110	130			160		55	14	30	16.3	5
	AM80		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1)]		180	215	5		250	M12	100	28	60	31.3	8
	AM112[1)]												
YQF..77	AM63	1	95	115	3.5	200	140	M8	45	11	23	12.8	4
	AM71		110	130			160		55	14	30	16.3	5
	AM80		130	165	4.5		200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1)]		180	215	5		250	M12	100	28	60	31.3	8
	AM112[1)]												
	AM132S[1)] AM132M[1)]		230	265			300		110	38	80	41.3	10
	AM132ML[1)]												
YQF..87	AM80	1	130	165	4.5	250	200	M10	80	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	100	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		110	38	80	41.3	10
	AM132ML												
	AM160[1)]		250	300	6		350	M16	133	42	110	45.3	12
	AM180[1)]									48		51.8	14
YQF..97	AM100	1	180	215	5	300	250	M12	100	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		110	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	133	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		135	55		59.3	16
	AM225[1)]	2	350	400			450		143	60	140	64.4	18

YQF..AM..

Fig.1

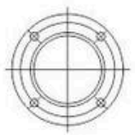
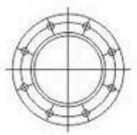


Fig.2



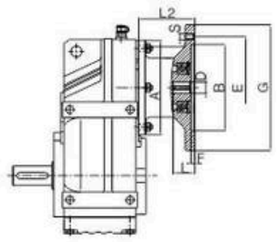
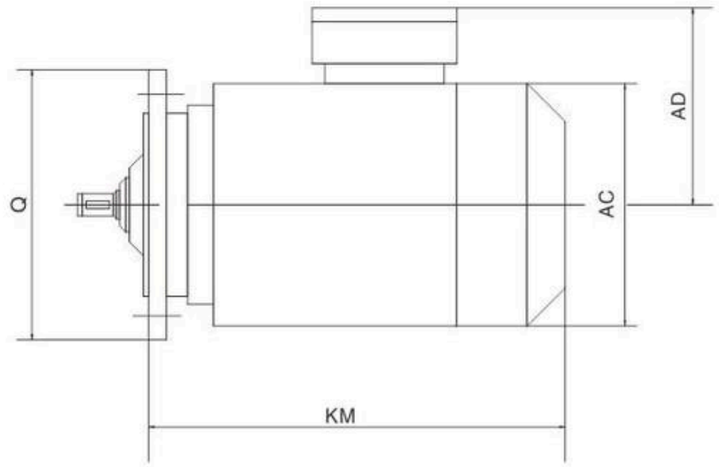


		Fig.	B	E	F	A	G	S	L2	D	L1	T	U
YQF..107	AM100	1	180	215	5	350	250	M12	100	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		110	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	133	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		135	55		59.3	16
	AM225	2	350	400			450		143	60	140	64.4	18
YQF..127	AM132S AM132M	1	230	265	5	450	300	M12	125	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	125	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		147	55		59.3	16
	AM225	2	350	400			450		162	60	140	64.4	18
	AM250		450	500			550		170	65		69.4	
	AM280									75		79.9	20
YQF..157	AM160	1	250	300	6	550	350	M16	125	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		147	55		59.3	16
	AM225	2	350	400			450		145	60	140	64.4	18
	AM250		450	500			550		170	65		69.4	
	AM280									75		79.9	20

Annex I: The size of motor

(for reference only, based on manufacturer's actual size)



Motor Type	Q mm	Standard KM mm	YEJ KM mm	YVP KM mm	YVPJ KM mm	AD mm	AC mm
Y63	120	221	275	290	330	70	130
	160	210	264	279	319		
	200	200	254	269	309		
Y71	120	249	300	299	373	80	140
	160	244	295	294	373		
	200	238	289	288	363		
Y80	120	271	330	327	418	145	175
	160	265	324	321	418		
	200	259	318	315	418		
	250	254	313	310	385		
Y90S (L)	120	300	355	350	440	155	195
		325	380	375	465		
	160	295	350	345	440		
		320	375	370	465		

Motor Type	Q mm	Standard KM mm	YEJ KM mm	YVP KM mm	YVPJ KM mm	AD mm	AC mm
Y132ML	400	385	468	423	506	168	275
	450	377	460	415	498		
	550	369	452	407	490		
Y160M	200	520	633	562	697	255	315
	250	520	633	562	697		
	300	520	633	562	697		
	350	502	613	542	677		
	400	502	613	542	677		
	450	475	585	515	650		
	550	476	568	505	603		
Y160L	250	565	678	607	742	255	315
	300	565	678	607	742		

Motor Type	Q mm	Ordinary KM mm	YEJ KM mm	YVP KM mm	YVPJ KM mm	AD mm	AC mm
Y90S (L)	200	287	342	337	440	155	195
		312	367	362	465		
	250	283	338	333	415		
		308	363	358	440		
	300	291	342	346	402		
Y100	120	355	415	400	495	180	215
	160	347	407	392	490		
	200	339	399	389	490		
	250	335	395	380	490		
	300	329	389	375	452		
	350	323	383	370	455		
Y112	160	380	440	420	520	190	240
	200	371	431	411	520		
	250	366	426	406	520		
	300	361	421	401	470		
	350	355	415	395	470		
Y132S	160	420	490	460	580	210	275
	200	408	478	448	580		
	250	403	473	443	580		
	300	398	468	438	580		
	350	392	462	432	545		
	400	385	455	425	543		
	450	369	439	409	543		
Y132M	160	458	528	498	618	210	275
	200	446	516	486	618		
	250	441	511	481	618		
	300	436	506	476	618		
	350	430	500	470	583		
	400	423	493	463	581		
	450	407	477	447	581		
Y132ML	200	408	491	446	529	168	275
	250	403	486	441	524		
	300	398	481	436	519		
	350	392	475	430	513		

Motor Type	Q mm	Ordinary KM mm	YEJ KM mm	YVP KM mm	YVPJ KM mm	AD mm	AC mm
Y160L	350	547	658	587	722	255	315
	400	547	658	587	722		
	450	520	630	560	695		
	550	518	635	560	695		
Y180M (L)	250	600	685	622	782	280	380
		638	723	660	800		
	300	581	666	603	762		
		619	703	641	781		
	350	581	666	603	762		
		619	703	641	781		
	400	581	666	603	762		
		619	703	641	781		
	450	553	638	575	725		
		591	676	613	753		
	550	581	666	603	763		
		619	703	641	781		
Y200	300	665	795	730	859	305	420
	350	665	795	730	859		
	400	654	782	717	852		
	450	654	782	717	852		
	550	642	770	705	840		
Y225S	300	716	858	770	900	335	470
	350	680	847	756	886		
	400	680	847	756	886		
	450	674	840	750	880		
	550	669	830	745	875		
Y225M	300	741	883	795	925	335	470
	350	702	872	781	911		
	400	702	872	781	911		
	450	696	865	775	905		
	550	691	860	770	900		
Y250M	400	785	932	839	992	370	510
	450	790	936	831	984		
	550	785	931	823	976		
Y280	400	898	1054	943	1099	408	580
	450	890	1046	835	1091		
	550	882	1038	927	1083		
Y315	660	1130	1286	1175	1331	530	635

Notes:
YEJ is the KM value for motor with brake.
YVP is the KM value for asynchronous motor with frequency.
YVPJ is the KM value for asynchronous motor with frequency and brake.
if you have any special requirements, please contact us.

Annex II: Lubrication

2.1 General information

Unless a special arrangement is made, JIACHENG supplies the drives with a lubricant fill adapted for the specific gear unit and mounting position. The decisive factor is the mounting position (M1..M6,→ Sec."Mounting Positions and important Order Information")specified when ordering the drive. You must adapt the lubricant fill in case of any subsequent changes made to the mounting position(→ Lubricant fill quantities).

2.2 Anti-friction bearing greases

The lubricant table on the following page shows the permitted lubricants for JIACHENG gear units. Please note the following key to the lubricant table:

	Ambient Temperature	Manufacturer	Model	Type Of Lubricants
Speed Reducer Rolling Bearing	-20℃~+60℃	Mobil	Mobilux EP 2	Mineral Oil
	-40℃~+80℃	Mobil	Mobiltemp SHC 100	Synthetic Oil
Motor Rolling Bearings	-20℃~+80℃	Esso	Unirex EQ 3	Mineral Oil
	-20℃~+60℃	Shell	Alvania RI3	Mineral Oil
	+80℃~+100℃	Klüber	Barrierta L55/2	Synthetic Oil
	-45℃~+25℃	Shell	Aero Shell Grease 16	Synthetic Oil

The following grease quantities are required:

- For fast-running bearings (motor and gear unit input end): Fill the cavities between the folling elements one third full with grease.
- For fast-running bearings (in gear units and at gear unit output end): Fill the cavities between the folling elements one third full with grease.

2.3 Tyepes of lubrication

	℃ −50 0 +50 +100	ISO	SHELL	Mobil MOBIL	bp BP	Type Of Lubricants
YQR.. YQF.. YQK..	标准 Standard −10 +40	VG 220	Shell Omala 220	Mobilgear 630	BP Energol GR−XP 220	Mineral Oil
	−20 +25	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR−XP 100	
	−30 +10	VG 68−46 VG 32	Shell Tellus T 32	Mobil D.T.E. 13M		
	−40 −20	VG 22 VG 15	Shell Tellus T 15	Mobil D.T.E. 11M	BP Energol HLP−HM 15	
	−40 +80	VG 220	Shell Omala 220	Mobil SHC 630		Synthetic Oil
	−40 +40	VG 150		Mobil SHC 629		
	−40 +10	VG 32		Mobil SHC 624		
YQS..	−0 +40	VG 680	Shell Omala 680	Mobilgear 636	BP Energol GR−XP 680	Mineral Oil
	−20 +10	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR−XP 100	
	−20 +60	VG 680[1)]	Shell Tivela S 680		BP Energol GR−XP 680	Synthetic Oil
	−30 +80	VG 460	Shell Omala 460	Mobil SHC 634		
	−40 +10	VG 150	Shell Omala 150	Mobil SHC 629		
	−25 +40	VG 220[1)]	Shell Tivela 220	Mobil Glygoyle 30		
	−40 0	VG 32		Mobil Glygoyle 24		

2.4 Lubricant fill quantity

The specified fill quantities are recommended values. The precise values vary depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity. The lubricating oil gauge lists the corresponding standard reference lubricating oil injection values for the reducer of the installation mode M1 ~ M6.

Annex III: Maintenance

1). For gear units, first oil change should be after about 300 hours(run−in period). The right lotion is require to clean the gear units with care.Never mix the synthetic oil and mineral oil together.

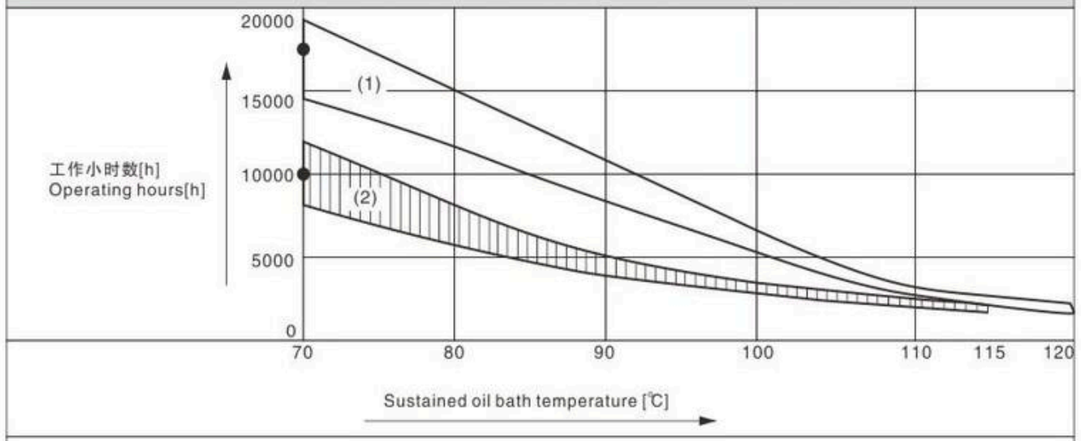
2). Every 3,000 working time, at least every 6 months, you have to check the oil and oil level,the seals visually for leakage. For IEC input gear units, the elastomer should be tested or replaced if necessary.

3). Depending on the working conditions(see chart below), every 3 years at the latest for insp−ection is needed. Then change the mineral oil and replacing bearing grease.

4). Depending on the working conditions, change the oil seals on output shaft.

5). Once the malfunctions appear, stop disassembling the parts, and firstly please contact the customer service(the information about specification, deliver date, series number, time used, name of machine, machine manufacturer, malfunction problems is required), then take reasonable measures.

Oil change intervals for standard gear units under normal environmental conditions



• Average value per oil type at 70 ℃

(1) Synthetic oil

(2)Mineral oil

Annex IV: Storage

1). Under roof, protected against rain and snow, no shock loads.

2). Underlay the block and other material between the ground and equipment.

3). The opened but not used gear units should be added with the anti-corrosive oil on its surface, and then return to the packing containers timely.

4). Two years or more given regular inspec-tions. Check fo cleanliness and mechanical damage as part of the inspection, Check corrosion protection.

Annex V: Notice For Order

Please offer the following information when place the orders:

1). the model mark of the gear units (type, ratio, power and mounting position).

2). Note when ordering: When selecting RF and RXF models, indicate the external diameter of the output flange; When selecting SA, SAF, and SAZ models, indicate the output axis aperture size

3). When selecting K, KF, KAF, KAZ, and S, SF, SAF, and SAZ, indicate the direction of the output axis and the output flange(A or B).

4). When ordering, it must also indicate the actual installation method(M1 ~ M6) when the reducer is working. There are 6 kinds of installation methods.

5). If you are equipped with a straight-line motor, you must indicate the direction of the motor junction box. There are four directions: 0 degrees, 90 degrees, 180 degrees, and 270 degrees.

6). gear units are available with "blue/gray" painting optionally. Unless specified, it offers the blue painting as standard.

7). quantity ordered.

8). other special requirements.

9). company, contact and telephone.

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Annex VI: Fault Diagnosis

6.1 Gear unit malfunctions

Problem	Possible cause	Remedy
Unusual, regular running noise	A. Meshing/grinding noise: Bearing damage. B. Knocking noise: Irregularity in the gearing	A. Check the oil, change bearings B. Contact customer service
Unusual, regular running noise	Foreign bodies in the oil	· Check the oil · Stop the drive, contact customer service
Oil leaking[1] · From the gear cover plate · From the motor flange · From the motor oil seal · From the gear unit flange · From the output end oil seal	A. Rubber seal on the gear cover plate leaking B. Seal defective C. Gear unit not vented	A. Tighten the bolts on the gear cover plate and observe the gear unit. Oil still leaking: Contact customer service B. Contact customer service C. Vent the gear unit (see "Mounting Positions")
Oil leaking from breaking valve	A. Too much oil B. Drive operated in incorrect mounting position C. Frequent cold starts(oil foams) and/or high oillevel	A. Correct the oil level (see Sec. "Inspection and Maintenance") B. Mount the breather valve correctly (see Sec. "Mounting Positions")and correct the oil level (see "Lubricants")
Output shaft does not turn although the motor is run-ning of the input shaft is rotated	Connection between shaft and hub in gear unit interrupted	Send in the gear unit/gearmotor for repair

[1]Short-term oil/grease leakage at the oil seal is possible in the run-in phase(24 hours running time).

6.2 IEC couplings malfunctions

Problem	Possible cause	Remedy
Unusual, regular running noise	Meshing/grinding noise: Bearing damage	Contact our company customer sevice
Oil leaking	Seal defective	Contact our company customer sevice
Output shaft does not turn although the motor is running of the input shaft is rotated	Connection between shaft and hub in gear unit interrupted	Contact our company customer sevice
Change in running noise and/or vibrations occur	A. Annular gear wear, short-term torque transfer through metal contact B. Bolts to secure hub axially are loose.	A. Change the annular gear B. Tighten the bolts
Premature wear in annular gear	A. Contact with aggressive fluids / oil; ozone influence; too high ambient temperatures etc, which can cause a change in the physical properties of the annular gear. B. Impermissibly high ambient/contact temperature for the annular gear; maximum permitted temperature –20℃ to +80℃. C. Overload	Contact our company customer sevice

Annex VII: Charge Characteristic Chart (for reference)

AIR BLOWERS		Hoist gear assembly	A
Air blower(axial or radial)	A	Derrick gear assembly	B
Fan of cooling tower	B	Steering gear assembly	B
Induced draught fan	B	Moving gear assembly	C
Rotary piston type fan	B	LAND DREDGER	
Turbo-fan	A	Drum-type conveyer	C
CONSTRUCTION MACHINERY		Drum-type rotation wheel	C
Concrete mixer	B	Dredger head	C
Hoist	B	Powered crab	B
Road building machinery	B	Pump	B
Boring mill	B	Pump turning gear assembly	B
CHEMICAL MACHINERY		Moving gear assembly (apron wheel)	C
Mixer (liquid)	A	Moving gear assembly (track)	B
Mixer (half liquid)	B	FOODSTUFF PROCESSING MACHINERY	
Centrifuge(heavy)	B	Placer or box filler	A
Centrifuge(light)	A	Cane crusher	A
Cooling rolling drum	B	Cane cutter	B
Dry rolling drum	B	Cane crasher	C
Mixer	B	Mixer	B
COMPRESSOR		Paste bucket	B
Piston type compressor	C	Packager	A
Turbo-compressor	B	Beet slicer	B
TRANSMISSION FREIGHTER		Beet washing machine	B
Pan conveyer	B	MOTOR AND CONVERSION EQUIPMENTS	
Balance lifter	B	Frequency converter	C
Trough conveyer	B	Motor	C
Ribbon conveyer (large piece)	C	Welding motor	C
Ribbon conveyer (small piece)	B	WASHING MACHINE	
Drum-type flour conveyer	A	Rolling drum	B
Chain conveyer	B	Washing machine	B
Ring type conveyer	B	METAL ROLLER MACHINE	
Lifter	B	Steel cutter	C
Hoist	B	Chain conveyer	B
Crank-connecting conveyer	B	Cold mill	C
Lifter	B	Continuous casting equipments	B
Worm conveyer	B	Cold bed	B
Steel-band conveyer	B	Cropper	C
Chain reed-tpe conveyer	B	Cross steering transmitte	B
Crab freighter	B	Deruster	C
HOIST		Heavy and medium steel mill	C
Bracket swing gear assembly	B	Bar mill	C

BAR TRANSMISSION EQUIPMENTS	
Bar pusher	B
Push bed	B
Shears	C
Lumber elevator platform	B
ROLL ADJUSTING EQUIPMENTS	
Roller leveling machine	B
Mill rolling way (heavy)	C
Mill rolling way (light)	B
Sheet rolling mill	C
Trimming shears	B
Pipe welde	C
Soldering machine(belt material and wire rod)	B
Wire drawbench	B
METAL PROCESSING MACHINE TOOLS	
Power shaft	A
Forging machine	C
Drop hammer	C
Machine tool and necessary	A
Machine tool and main driving equipment	B
Metal facing machine	C
Plate-leveling machine tool	C
Backing-out punch	C
Press machine tool	C
Cutting machine	B
Sheet bending machine tool	B
PETROLEUM PROCESSING MACHINERY	
Pump of oil pipe line	B
Rotary drilling equipment	C
PAPERING MACHINE	
Glazing press	C
Multilayer paper board machine	C
Drying cylinder	C
Glazing cylinder	C
Masher	C
Mashing and breaking machine	C
Suction roll	C
Wet paper roller machine	C
Water absorbing roller machine	C
Welon machine	C

PUMPS	
Centrifugal pump(thin liquid)	A
Centrifugal pump(half liquid)	B
Displacement pump	C
Plunger pump	C
Force pump	C
PLASTIC EQUIPMENTS	
Glazing press	B
Ejecting press	B
Spiral extruding machine	B
Mixing machine	B
PUBBER EQUIPMENTS	
Glazing press	B
Ejecting press	C
Mixing stir machine	B
Kneading machine	B
Roller machine	C
STONE PORCELAIN CLAY PROCESSING EQUIPMENTS	
Ball crusher	B
Ejecting press and breaker	C
Breaker	C
Brick press	C
Beating crusher	C
Converter	C
Cylinder mill	C
TEXTILE MACHINERY	
Feeding machine	B
Loom machine	B
Dyeing machine	B
Purified drum	B
Welon machine	B
WASTER TREATMENT EQUIPMENTS	
Air blast	B
Screw pump	B
WOOD PROCESSING MACHINE TOOL	
Barker	C
Facing machine	B
Saw bench	C
Wood processing machine tool	A

Note: A-Uniform load; B-Moderate shock load; C-Heavy shock load; **-for 24 hour system.

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