



杭州誉球机械有限公司

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YUQIU MACHINE

HANGZHOU YUQIU MACHINE CO.,LTD

杭州誉球机械有限公司



三相异步电动机

Three-phase Asynchronous Motor

企业简介

杭州誉球机械有限公司集蜗轮蜗杆、齿轮减速机研发、生产、销售于一体，始创于2000年，坐落于中国杭州钱塘区，是一家专业生产减速电机的大型科工贸企业。致力于为行业提供专业、高效和人性化的整体传动方案。

公司主导产品为三相异步电动机、NMRV系列蜗轮蜗杆减速机、RFKS四大系列齿轮减速机、KRV双曲面减速机、SWL丝杆升降机和WP系列蜗轮蜗杆减速机等。公司拥有一批国内外先进的传动机械生产设备和精密的检测设备，成立了浙江省高新技术研发中心，根据市场需求和客户反馈进行持续改进和创新。。凭借多年的研发经验和技術积累，我们公司在技术、设备、产品性能上均处于国内领先水平，跨入国际先进行列。产品面向食品、化工、矿山、冶金、纺织、木工机械、包装、风能、电力、起重等重要领域。

公司拥有先进的生产设备和完善的生产管理系统，现代化的生产工艺和严格的质量控制体系，确保每一台减速机产品都符合相关标准和客户要求。同时公司还致力于提高生产效率和降低成本，为客户提供更具竞争力的产品和服务。

公司已建立了完善的销售网络，拥有一支专业的销售团队和技术服务团队，为客户提供全方位的销售支持和售后服务。始终坚持以客户为中心，以客户需求为导向，为客户提供优质的服务和解决方案。

公司先后荣获国家高新技术企业、浙江制造品字标认证、浙江省科技型中小企业等荣誉称号。公司产品已通过ISO9001质量体系、ISO14001环境管理体系、ISO45001职业健康管理体系、3C认证、CE认证、能效认证，并在同行中率先获得自营进出口权，目前产品远销全国各地及世界发达国家。

BRIEF INTRODUCTION

Hangzhou YUQIU Machinery Co., Ltd. set worm gear, Gear Reducer R & D, production and sales in one, founded in 2000, is located in Qiantang District, Hangzhou, China, is a professional production of decelerating motor of large-scale industry and trade enterprises. Dedicated to the industry to provide professional, efficient and human-oriented overall transmission program.

The company's leading products are three-phase asynchronous motor, NMRV series worm gear reducer, RFKS Four Series Gear Reducer, KRV hyperboloid reducer, SWL screw elevator and WP series worm gear reducer. The company has a number of domestic and foreign advanced transmission machinery production equipment and precision testing equipment, set up a high-tech R & D Center in Zhejiang province, according to market demand and customer feedback for continuous improvement and innovation. With years of R & D Experience and technology accumulation, our company in technology, equipment, product performance are in the leading domestic level, into the international advanced ranks. Products for food, chemical, mining, metallurgy, textiles, woodworking machinery, packaging, wind energy, electricity, lifting and other important areas.

The company has advanced production equipment and perfect production management system, modern production technology and strict quality control system to ensure that each reducer products are in line with relevant standards and customer requirements. At the same time the company is also committed to improve production efficiency and reduce costs, to provide customers with more competitive products and services.

The company has established a sound sales network, with a professional sales team and technical services team, to provide customers with a full range of sales support and after-sales service. Always adhere to customer-centric, customer-oriented needs, to provide customers with quality services and solutions.

The company has won the National high-tech Enterprises, Zhejiang manufacturing character certification, Zhejiang province, such as small and medium-sized technology-based enterprises and other honorary titles. Our products have passed ISO9001 quality system, ISO14001 environmental management system, ISO45001 occupational health management system, 3C certification, CE certification and energy efficiency certification, at present, the products are widely sold all over the country and the developed countries in the world.

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For Gear Reducer



PRODUCTION & EQUIPMENT 生产车间及检测设备

誉球拥有先进而完善的检验设备,为零件及整机作精密的检测。

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



产品图片 Product Image



B5型



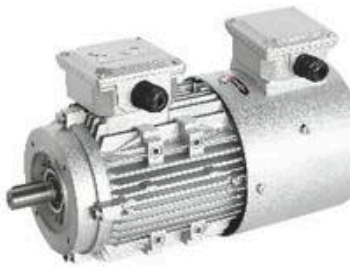
双轴型



方形B5



B14



YVF2



Y2EJ



方形B3



方形YVF2



方形Y2EJ



洗车房专用



齿轮专用



齿轮专用

YE3 系列超高效率三相异步电动机

YE3 SERIES HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR



产品描述 PRODUCT DESCRIPTION

YE3系列三相异步电动机符合GB18613-2020《中小型三相异步电动机能效限定值及能效等级》中规定的三级效率标准，以及IEC60034-30-2014标准的IE3能效等级。使用环境与YE2系列高效率电机相同，效率更高，是节能环保改造的首选。

YE3 series three phase asynchronous motors meet the second-level efficiency standard stipulated in GB18613-2020 energy Efficiency Limit value and Energy Efficiency Grade of Small and Medium-sized Three-phase Asynchronous Motors, and IE3 energy efficiency grade of IEC60034-30-2014 standard. The operating environment is the same as YE2 series high-efficiency motors with higher efficiency, which is the first choice for energy-saving and environmental protection renovation.

YE3技术参数 Technical data

型号 Type	额定功率 Rated Output		额定 转速 Rated Speed rpm	效率 Efficiency η % (IE3)	效率 75%负载 Efficiency at 75% Load	效率 50%负载 Efficiency at 50% Load	功率 因数 Power factor $\cos \phi$	额定电流 Rated current A			额定 转矩 Rated Torque Nm	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Is/In
	KW	HP						380V	400V	415V				
YE3-631-2	0.18	0.25	2730	65.9	65.9	64.6	0.80	0.52	0.49	0.47	0.63	2.2	2.2	5.5
YE3-632-2	0.25	0.37	2730	69.7	69.7	68.3	0.81	0.67	0.64	0.62	0.87	2.2	2.2	5.5
YE3-711-2	0.37	0.5	2750	73.8	73.8	72.3	0.81	0.94	0.89	0.80	1.20	2.2	2.2	6.1
YE3-712-2	0.55	0.75	2750	77.8	77.8	76.2	0.82	1.31	1.24	1.20	1.91	2.3	2.3	6.1
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.20	3.65	2.2	2.3	7.3
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.10	7.20	2.2	2.3	7.6
YE3-100L1-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.10	13.1	2.2	2.3	8.3
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.0	2.0	2.3	8.3
YE3-132S2-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	13.2	24.4	2.0	2.3	7.9
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.0	35.7	2.0	2.3	8.1
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2
YE3-200L1-2	30	40	2960	93.3	93.3	91.4	0.89	54.9	52.1	50.3	96.8	2.0	2.3	7.6
YE3-200L2-2	37	50	2960	93.7	93.7	91.8	0.89	67.4	64.0	61.7	119.4	2.0	2.3	7.6
YE3-225M-2	45	60	2965	94.0	94.0	92.1	0.90	80.8	76.8	74.0	144.9	2.0	2.3	7.7
YE3-250M-2	55	75	2970	94.3	94.3	92.4	0.90	98.5	93.5	90.2	176.9	2.0	2.3	7.7
YE3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1
YE3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	160	152	146	288.9	1.8	2.3	7.1
YE3-315S-2	110	150	2978	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1
YE3-315M-2	132	180	2978	95.4	95.4	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1
YE3-315L1-2	160	200	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2
YE3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2
YE3-355M-2	250	340	2982	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2
YE3-355L-2	315	430	2982	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2

YE3技术参数 Technical data

型号 Type	额定功率 Rated Output		额定 转速 Rated Speed rpm	效率 Efficiency η % (IE3)	效率 75%负载 Efficiency at 75% Load	效率 50%负载 Efficiency at 50% Load	功率 因数 Power factor $\cos \phi$	额定电流 Rated current A			额定 转矩 Rated Torque Nm	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Is/In
	KW	HP						380V	400V	415V				
YE3-631-4	0.12	0.18	1320	64.8	64.8	63.5	0.72	0.39	0.37	0.36	0.87	2.1	2.2	4.4
YE3-632-4	0.18	0.25	1320	69.9	69.9	68.5	0.73	0.54	0.51	0.49	1.30	2.1	2.2	4.4
YE3-711-4	0.25	0.37	1340	73.5	73.5	72.0	0.74	0.70	0.66	0.64	1.78	2.1	2.2	5.2
YE3-712-4	0.37	0.5	1340	77.3	77.3	75.8	0.75	0.97	0.92	0.89	2.64	2.1	2.2	5.2
YE3-801-4	0.55	0.75	1400	80.8	80.8	79.2	0.75	1.38	1.31	1.26	3.75	2.4	2.3	5.2
YE3-802-4	0.75	1	1420	82.5	82.5	80.9	0.75	1.84	1.75	1.69	5.04	2.3	2.3	6.6
YE3-90S-4	1.1	1.5	1445	84.1	84.1	82.4	0.76	2.61	2.48	2.39	7.27	2.3	2.3	6.8
YE3-90L-4	1.5	2	1445	85.3	85.3	83.6	0.77	3.47	3.3	3.18	9.91	2.3	2.3	7.0
YE3-100L1-4	2.2	3	1450	86.7	86.7	85.0	0.81	4.76	4.52	4.36	14.6	2.3	2.3	7.6
YE3-100L2-4	3	4	1450	87.7	87.7	85.9	0.82	6.34	6.02	5.8	20.0	2.3	2.3	7.6
YE3-112M-4	4	5.5	1450	88.6	88.6	86.8	0.82	8.37	7.95	7.66	26.5	2.2	2.3	7.8
YE3-132S-4	5.5	7.5	1460	89.6	89.6	87.8	0.83	11.2	10.7	10.3	36.0	2.0	2.3	7.9
YE3-132M-4	7.5	10	1460	90.4	90.4	88.6	0.84	15.0	14.3	13.7	49.1	2.0	2.3	7.5
YE3-160M-4	11	15	1465	91.4	91.4	89.6	0.85	21.5	20.4	19.7	71.7	2.2	2.3	7.7
YE3-160L-4	15	20	1465	92.1	92.1	90.3	0.86	28.8	27.3	26.3	97.8	2.2	2.3	7.8
YE3-180M-4	18.5	25	1470	92.6	92.6	90.7	0.86	35.3	33.5	32.3	120.2	2.0	2.3	7.8
YE3-180L-4	22	30	1470	93.0	93.0	91.1	0.86	41.8	39.7	38.3	142.9	2.0	2.3	7.8
YE3-200L-4	30	40	1475	93.6	93.6	91.7	0.86	56.6	53.8	51.8	194.2	2.0	2.3	7.3
YE3-225S-4	37	50	1485	93.9	93.9	92.0	0.86	69.6	66.1	63.7	237.9	2.0	2.3	7.4
YE3-225M-4	45	60	1485	94.2	94.2	92.3	0.86	84.4	80.2	77.3	289.4	2.0	2.3	7.4
YE3-250M-4	55	75	1485	94.6	94.6	92.7	0.86	103	97.6	94.1	353.7	2.2	2.3	7.4
YE3-280S-4	75	100	1486	95.0	95.0	93.1	0.88	136	129	125	482.0	2.0	2.3	6.9
YE3-280M-4	90	125	1486	95.2	95.2	93.3	0.88	163	155	149	578.4	2.0	2.3	6.9
YE3-315S-4	110	150	1488	95.4	95.4	93.5	0.89	197	187	180	706.0	2.0	2.2	7.0
YE3-315M-4	132	180	1488	95.6	95.6	93.7	0.89	236	224	216	847.2	2.0	2.2	7.0
YE3-315L1-4	160	200	1488	95.8	95.8	93.9	0.89	285	271	261	1027	2.0	2.2	7.1
YE3-315L2-4	200	270	1490	96.0	96.0	94.1	0.90	352	334	322	1282	2.0	2.2	7.1
YE3-355M-4	250	340	1490	96.0	96.0	94.1	0.90	440	418	403	1602	2.0	2.2	7.1
YE3-355L-4	315	430	1490	96.0	96.0	94.1	0.90	554	526	507	2019	2.0	2.2	7.1

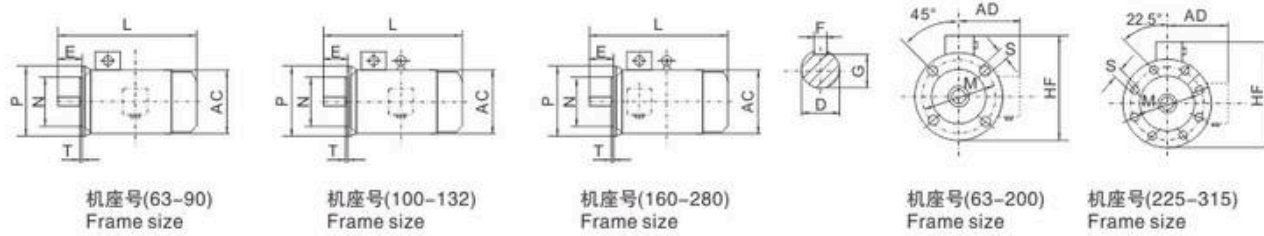
YE3技术参数 Technical data

型号 Type	额定功率 Rated Output		额定 转速 Rated Speed rpm	效率 Efficiency η % (IE3)	效率 75%负载 Efficiency at 75% Load	效率 50%负载 Efficiency at 50% Load	功率 因数 Power factor $\cos \phi$	额定电流 Rated current A			额定 转矩 Rated Torque Nm	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Is/In
	KW	HP						380V	400V	415V				
YE3-632-6	0.12	0.18	855	57.7	57.7	56.5	0.60	0.53	0.50	0.48	1.34	1.8	1.9	3.5
YE3-711-6	0.18	0.25	855	63.9	63.9	62.6	0.66	0.65	0.62	0.59	2.01	1.9	2.0	4.0
YE3-712-6	0.25	0.37	855	68.6	68.6	67.2	0.68	0.81	0.77	0.75	2.79	1.9	2.0	4.0
YE3-801-6	0.37	0.5	890	73.5	73.5	72.0	0.70	1.09	1.04	1.00	3.97	1.9	2.0	4.7
YE3-802-6	0.55	0.75	890	77.2	77.2	75.7	0.72	1.50	1.43	1.38	5.90	1.9	2.1	4.7
YE3-90S-6	0.75	1	935	78.9	78.9	77.3	0.71	2.03	1.93	1.86	7.66	2.0	2.1	6.0
YE3-90L-6	1.1	1.5	945	81.0	81.0	79.4	0.73	2.83	2.69	2.59	11.1	2.0	2.1	6.0
YE3-100L-6	1.5	2	949	82.5	82.5	80.9	0.73	3.78	3.5	3.47	15.1	2.0	2.1	6.5
YE3-112M-6	2.2	3	955	84.3	84.3	82.6	0.74	5.36	5.09	4.91	22.0	2.0	2.1	6.6
YE3-132S-6	3	4	968	85.6	85.6	83.9	0.74	7.20	6.84	6.59	29.0	2.0	2.1	6.8
YE3-132M1-6	4	5.5	968	86.8	86.8	85.1	0.74	9.46	8.99	8.66	39.5	2.0	2.1	6.8
YE3-132M2-6	5.5	7.5	968	88.0	88.0	86.2	0.75	12.7	12.0	11.6	54.3	2.0	2.1	7.0
YE3-160M-6	7.5	10	970	89.1	89.1	87.3	0.79	16.2	15.4	14.8	73.8	2.0	2.1	7.0
YE3-160L-6	11	15	970	90.3	90.3	88.5	0.80	23.1	22.0	21.2	108.3	2.0	2.1	7.2
YE3-180L-6	15	20	978	91.2	91.2	89.4	0.81	30.9	29.3	28.2	146.5	2.0	2.1	7.3
YE3-200L1-6	18.5	25	980	91.7	91.7	89.9	0.81	37.8	35.9	34.7	180.3	2.0	2.1	7.3
YE3-200L2-6	22	30	980	92.2	92.2	90.4	0.81	44.8	42.5	41.0	214.4	2.0	2.1	7.4
YE3-225M-6	30	40	980	92.9	92.9	91.0	0.83	59.1	56.2	54.1	292.3	2.0	2.1	6.9
YE3-250M-6	37	50	985	93.3	93.3	91.0	0.84	71.7	68.1	65.7	358.7	2.0	2.1	7.1
YE3-280S-6	45	60	985	93.7	93.7	91.8	0.85	85.8	81.6	78.6	436.3	2.0	2.0	7.3
YE3-280M-6	55	75	985	94.1	94.1	92.2	0.86	103	98.1	94.6	533.2	2.0	2.0	7.3
YE3-315S-6	75	100	985	94.6	94.6	92.7	0.84	143	136	131	727.2	2.0	2.0	6.6
YE3-315M-6	90	125	988	94.9	94.9	93.0	0.85	170	161	155	869.9	2.0	2.0	6.7
YE3-315L1-6	110	150	988	95.1	95.1	93.2	0.85	207	196	189	1063	2.0	2.0	6.7
YE3-315L2-6	132	180	988	95.4	95.4	93.5	0.86	244	232	224	1276	2.0	2.0	6.8
YE3-355M1-6	160	200	990	95.6	95.6	93.7	0.86	296	281	271	1543	1.8	2.0	6.8
YE3-355M2-6	200	270	990	95.8	95.8	93.9	0.87	365	346	334	1929	1.8	2.0	6.8
YE3-355L-6	250	340	990	95.8	95.8	93.9	0.87	456	433	417	2412	1.8	2.0	6.8

YE3技术参数 Technical data

型号 Type	额定功率 Rated Output		额定 转速 Rated Speed rpm	效率 Efficiency η % (IE3)	效率 75%负载 Efficiency at 75% Load	效率 50%负载 Efficiency at 50% Load	功率 因数 Power factor $\cos \phi$	额定电流 Rated current A			额定 转矩 Rated Torque Nm	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Is/In
	KW	HP						380V	400V	415V				
YE3-712-8	0.12	0.18	605	50.7	50.7	49.7	0.57	0.63	0.60	0.58	1.89	1.8	1.9	2.8
YE3-801-8	0.18	0.25	650	58.7	58.7	57.5	0.61	0.76	0.73	0.70	2.64	1.8	1.9	3.3
YE3-802-8	0.25	0.37	650	64.1	64.1	62.8	0.61	0.97	0.92	0.89	3.67	1.8	1.9	3.3
YE3-90S-8	0.37	0.5	675	69.3	69.3	67.9	0.61	1.33	1.26	1.22	5.23	1.8	1.9	4.0
YE3-90L-8	0.55	0.75	675	73.0	73.0	71.5	0.61	1.88	1.78	1.72	7.78	1.8	2.0	4.0
YE3-100L1-8	0.75	1	685	75.0	75.0	73.5	0.67	2.27	2.15	2.08	10.5	1.8	2.0	4.0
YE3-100L2-8	1.1	1.5	685	77.7	77.7	76.1	0.69	3.12	2.96	2.85	15.3	1.8	2.0	5.0
YE3-112M-8	1.5	2	695	79.7	79.7	78.1	0.70	4.08	3.88	3.74	20.6	1.8	2.0	5.0
YE3-132S-8	2.2	3	710	81.9	81.9	80.3	0.71	5.75	5.46	5.26	29.6	1.8	2.0	6.0
YE3-132M-8	3	4	710	83.5	83.5	81.8	0.73	7.48	7.10	6.85	40.4	1.8	2.0	6.0
YE3-160M1-8	4	5.5	725	84.8	84.8	83.1	0.73	9.82	9.33	8.99	52.7	1.9	2.0	6.0
YE3-160M2-8	5.5	7.5	725	86.2	86.2	84.5	0.74	13.1	12.4	12.0	72.4	1.9	2.0	6.0
YE3-160L-8	7.5	10	725	87.3	87.3	85.6	0.75	17.4	16.5	15.9	98.8	1.9	2.0	6.0
YE3-180L-8	11	15	735	88.6	88.6	86.8	0.75	25.2	23.9	23.0	142.9	2.0	2.0	6.5
YE3-200L-8	15	20	730	89.6	89.6	87.8	0.76	33.5	31.8	30.6	196.2	2.0	2.0	6.6
YE3-225S-8	18.5	25	730	90.1	90.1	88.3	0.76	41.0	39.0	37.6	242.0	1.9	2.0	6.6
YE3-225M-8	22	30	730	90.6	90.6	88.8	0.78	47.3	44.9	43.3	287.8	1.9	2.0	6.6
YE3-250M-8	30	40	735	91.3	91.3	89.5	0.79	63.2	60.0	57.9	389.8	1.9	2.0	6.5
YE3-280S-8	37	50	735	91.8	91.8	90.0	0.79	77.5	73.6	71.0	480.7	1.9	2.0	6.6
YE3-280M-8	45	60	735	92.2	92.2	90.4	0.79	93.9	89.2	85.9	584.7	1.9	2.0	6.6
YE3-315S-8	55	75	735	92.5	92.5	90.7	0.81	112	106	102	714.6	1.8	2.0	6.6
YE3-315M-8	75	100	735	93.1	93.1	91.2	0.81	151	144	138	974.5	1.8	2.0	6.2
YE3-315L1-8	90	125	735	93.4	93.4	91.5	0.82	179	170	163	1169	1.8	2.0	6.4
YE3-315L2-8	110	150	735	93.7	93.7	91.8	0.82	218	207	199	1429	1.8	2.0	6.4
YE3-355M1-8	132	180	740	94.0	94.0	92.1	0.82	260	247	238	1704	1.8	2.0	6.4
YE3-355M2-8	160	200	740	94.3	94.3	92.4	0.82	314	299	288	2065	1.8	2.0	6.4
YE3-355L-8	200	270	740	94.6	94.6	92.7	0.83	387	368	354	2581	1.8	2.0	6.4

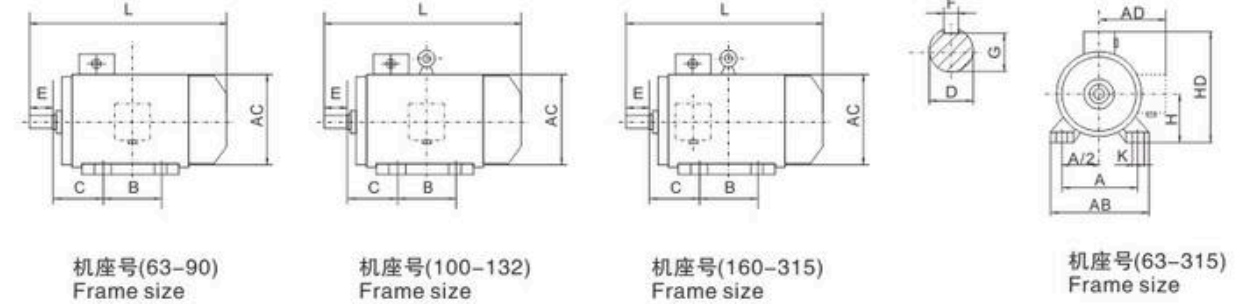
● 机座不带底脚，端盖上有凸缘(带通孔)-IMB5
Frame without feet and end-shield with flange(with plain holes)-IMB5



安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Flange code	极数 number of electrodes	安装尺寸 Mounting dimension(mm)										凸缘号 孔数 number of poles on the flange	外型尺寸 Exterior dimension(mm)			
			D	E	F	G	M	N	P	R	S	T		AC	AD	HF	L
63M	FF115	2、4	11	23	4	8.5	115	95	140					130	110	180	230
71M	FF130	2、4、6	14	30	5	11	130	110	160		10			145	120	200	255
80M	FF165	2、4、6、8	19	40	6	15.5		165	130	200				175	130	230	295
90S			24	50		20					12	3.5		195	140	240	320
90L					8												345
100L	FF215	2、4、6、8	28	60		24	215	180	250					215	165	290	385
112M											15	4	4	240	175	300	400
132S	FF265	2、4、6、8	38	80	10	33	265	230	300					260	210	355	470
132M																	510
160M	FF300	2、4、6、8	42		12	37								315	255	428	615
160L							300	250	350								670
180M			48	110	14	42.5								350	280	510	700
180L																	740
200L	FF350		55		16	49	350	300	400					395	305	480	770
225S	FF400	4、8	60	140	18	53											815
		2	55	110	16	49	400	350	450		19	5		450	335	550	820
225M		4、6、8	60			53											845
250M	FF500	2				58								480	370	595	910
		4、6、8			18												
		2	65	140		58	500	450	550								985
280S		4、6、8	75		20	67.5								530	410	650	1035
280M		2	65		18	58											
		4、6、8	75		20	67.5											
315S	FF600	2	65	140	18	58	600	550	660		24	6	8	645	530	845	1178
		4、6、8、10	80	170	22	71											1208
315M	FF600	2	65	140	18	58	600	550	660		24	6	8	645	530	845	1288
		4、6、8、10	80	170	22	71											1318
315L	FF600	2	65	140	18	58	600	550	660		24	6	8	645	530	845	1288
		4、6、8、10	80	170	22	71											1318

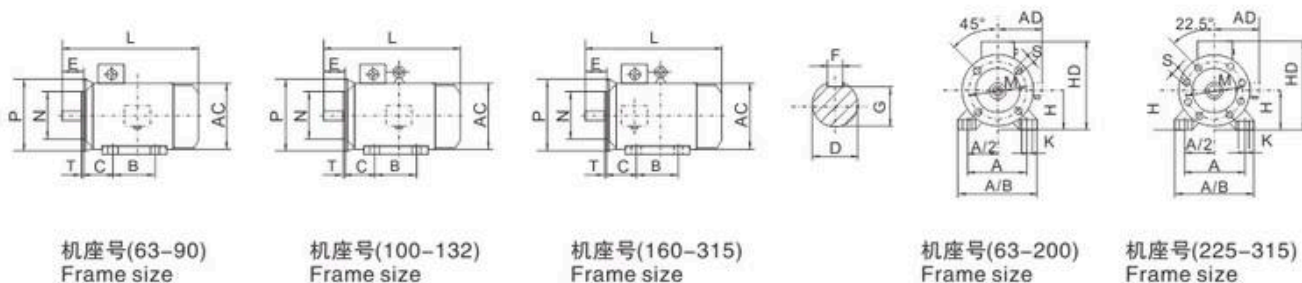
● 机座带底脚，端盖上无凸缘-IMB3
Frame with feet and end-shield without flange-IMB3



安装及外型尺寸 Mounting and dimensions

机座号 Frame size	极数 number of electrodes	安装尺寸 Mounting dimension(mm)										外型尺寸 Exterior dimension(mm)				
		A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
63M	2、4	100	50	80	40	11	23	4	8.5	63		135	130	110	173	230
71M	2、4、6	112	56	90	45	14	30	5	11	71	7	150	145	120	191	255
80M	2、4、6、8	125	62.5	100	50	19	40	6	15.5	80		165	175	130	210	295
90S		140	70	100	56	24	50		20	90	10	180	195	140	230	320
90L				125				8								345
100L		160	80	140	63	28	60		24	100		205	215	165	265	385
112M		190	95	140	70					112	12	230	240	178	290	400
132S	2、4、6、8	216	108	140	89	38	80	10	33	132		270	275	210	345	470
132M				178												510
160M		254	127	210	108	42		12	37	160	15	320	330	255	420	615
160L				254												670
180M		279	139.5	241	121	48	110	14	42.5	180		355	380	280	455	700
180L				279												740
200L		318	159	305	133	55		16	49	200		395	420	305	505	770
225S		4、8		286		60	140	18	53		19					815
225M		2	356	178	311	149	55	110	16	49	225	435	470	335	560	820
		4、6、8				60										845
250M	2	406	203	349	168	60		18		53	250	490	510	370	615	910
		4、6、8				65				58						
280S	2					65	140									985
	4、6、8			368		75		20	67.5		24	550	580	410	680	
280M	2	457	228.5	190		65		18	58							1035
	4、6、8			419		75		20	67.5							
315S	2					65	140	18	58		315	635	645	530	845	1240
	4、6、8、10	508	254	406	216	80	170	22	71		28					1270
315M	2					65	140	18	58							1350
	4、6、8、10	508	254	457	216	80	170	22	71		315	635	645	530	845	1380
315L	2					65	140	18	58							1350
	4、6、8、10	508	254	508	216	80	170	22	71		315	635	645	530	845	1380

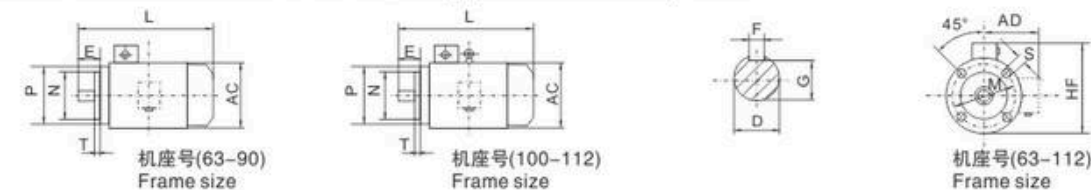
● 机座带底脚，端盖上有凸缘(带通孔)-IMB35
Frame with feet and end-shield with flange(with plain holes)-IMB35



安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Frange code	极数 number of electrodes	安装尺寸 Mouting dimension(mm)																凸缘号 孔数 number of poles on the flange	外型尺寸 Exterior dimension(mm)							
			A	A/2	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	HD	L			
63M	FF115	2、4	100	50	80	40	11	23	4	8.5	63	7	115	95	140		10	3		135	130	110	173	230			
71M	FF130	2、4、6	112	56	90	45	14	30	5	11	71		130	110	160					150	145	120	191	255			
80M	FF165		125	62.5	100	50	19	40	6	15.5	80	10	165	130	200		12	3.5		165	175	130	210	290			
90S			140	70	100	56	24	50		20	90									180	230	300	180	195	140	230	320
90L						125																	345				
100L			FF215	2、	160	80	140	63	28	60		24	100	12	215	180	250		15	4		205	215	165	265	385	
112M	190	95			140	70		112														230	240	178	290	400	
132S	FF265	4、	216	108	140	89	38	80	10	33	132		265	230	300					270	260	210	345	470			
132M					178																510						
160M	FF300	6、	8	254	127	210	108	42		12	37	160								320	315	255	420	615			
160L						254																	15	300	250	350	670
180M						279	139.5	241	121	48	110		14	42.5	180							355	350	280	455	700	
180L								279																	740		
200L	FF350		318	159	305	133	55		16	49	200	19	350	300	400		0			395	395	305	505	770			
225S	FF400	4、8			286		60	140	18	53										19	5						815
225M		2	356	178		149	55	110	16	49	225	19	400	350	450								435	450	335	560	820
		4、6、8			311					53														845			
250M	FF500	2	406	203	349	168			18		250									8			490	480	370	615	910
		4、6、8																									
2						65	140		58		24	500	450	550										985			
4、6、8		457	228.5		190	75	20	67.5	280						550	530							410	680			
280M		2				419			65		18	58												1035			
		4、6、8							75		20	67.5															
315S	FF600	2					65	140	18	58	315	28	600	550	660	0				24	6	8	635	645	530	845	1240
		4、6、8、10	508	254	406	216	80	170	22	71																	1270
315M	FF600	2					65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1350			
		4、6、8、10	508	254	457	216	80	170	22	71														1380			
315L	FF600	2					65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1350			
		4、6、8、10	508	254	457	216	80	170	22	71														1380			

● 机座不带底脚，端盖上有凸缘(带螺孔)-IMB14
Frame without feet and end-shield with flange(with thread holes)-IMB14

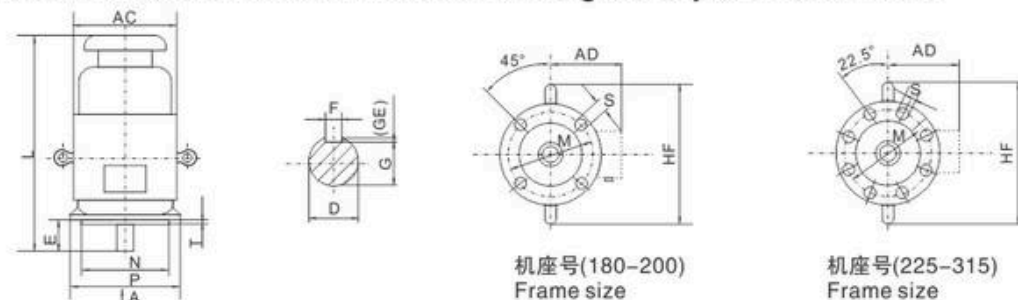


安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Frame code	极数 number of electrodes	安装尺寸 Mounting dimension(mm)										凸缘号 number of poles on the flange	外型尺寸 Exterior dimension(mm)			
			D	E	F	G	M	N	P	R	S	T		AC	AD	HF	L
63M	FT75	2、4	11	23	4	8.5	75	60	90		M5		4	130	110	175	230
71M	FT85	2、4、6	14	30	5	11	85	70	105		M6	2.5		145	120	193	255
80M	FT100		19	40	6	15.5	100	80	120					175	130	218	295
90S	FT115	2、4、6、8	24	50		20	115	95	140		M8	3.0		195	140	238	320
90L	FT130				8												
100L			28	60		24	130	110	160			3.5		215	165	273	345
112M														240	178	298	400

注: R为凸缘配合面至轴伸肩的距离。Note: R is the distance from the flange mounting-plan to the shaft-extension shoulder.

● 立式安装，机座不带底脚，端盖上有凸缘(带通孔)，轴伸向下-IMV1
Frame without feet and end-shield with flange(with plain holes)-IMV1



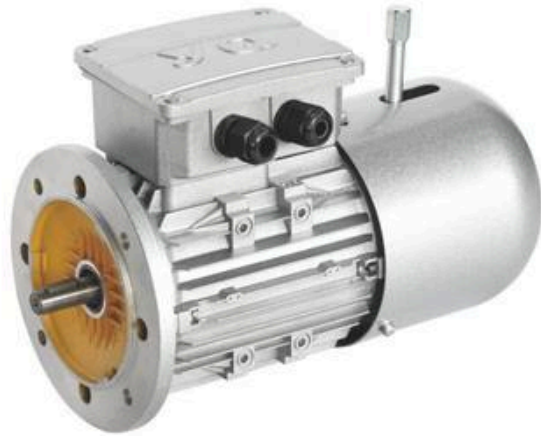
安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Frame code	极数 number of electrodes	安装尺寸 Mounting dimension(mm)										凸缘号 number of poles on the flange	外型尺寸 Exterior dimension(mm)			
			D	E	F	G	M	N	P	R	S	T		AC	AD	HF	L
180M	FF300	2、4、6、8	48	110	14	42.5	300	250	350				4	380	280	500	760
180L																	800
200L	FF350		55		16	49	350	300	400					420	305	550	840
225S	FF400	4、8	60	140	18	53											905
225M		2	55	110	16	49	400	350	450				8	470	335	610	910
		4、6、8	60			53				0	19	5					935
		2															
250M	FF500	4、6、8			18								8	510	370	650	1015
280S		2	65			58											
		4、6、8			20	67.5	500	450	550								
		2															
280M	FF600	4、6、8	75			58							8	580	410	720	1110
		2	65														
		4、6、8			20	67.5											
		2															
315S	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	845	1360
		4、6、8、10	80	170	22	71											1390
315M	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	845	1470
		4、6、8、10	80	170	22	71											1510
315L	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	845	1470
		4、6、8、10	80	170	22	71											1510

注: 1、G=D-GE, GE的极限偏差为(+0.20 0);
2、P尺寸为最大极限值; 3、R为凸缘配合面至轴伸肩的距离; 4、S孔的位置度公差以轴伸的轴线为基准。

Y2EJ 71~280 系列电磁制动三相异步电动机

Y2EJ 71~280 Series Electromagnetic Brake Three Phase Asynchronous Motor



概述

额定功率: 0.25~55kW

机座号: 71~280

防护等级: IP54

冷却方式: IC411

励磁电压: ≤H100 DC99V

>H100 DC170V

Summary

Rate power: 0.25~55kW

Frame size: 71~280

Protection degree: IP54

Cooling method: IC411

Excitation voltage: ≤H100 DC99V

>H100 DC170V

结构特点 Structural Characteristics

Y2EJ系列电动机为全封闭自扇冷式笼形结构, 是在原电机的基础上, 装有直流电磁制动器, 结构简单、制动迅速、振动小, 噪音低、寿命长、安装维护方便。

该产品适用于起重设备的卷扬行车、电动阀门、机床、木工机械、印刷机械、减速机等各类需要快速、准确停车的各类机械中。

The Y2EJ series motors are produced from the original series motor by adding a DC electromagnetic brake. It has the characteristics of simple structure, rapid braking, high reliability, low noise, little vibration, and can be applied to hoisting crane, electric valve, machine tool, wood-working machinery, printing machinery, reducer and other machinery which need rapid and accurate braking.

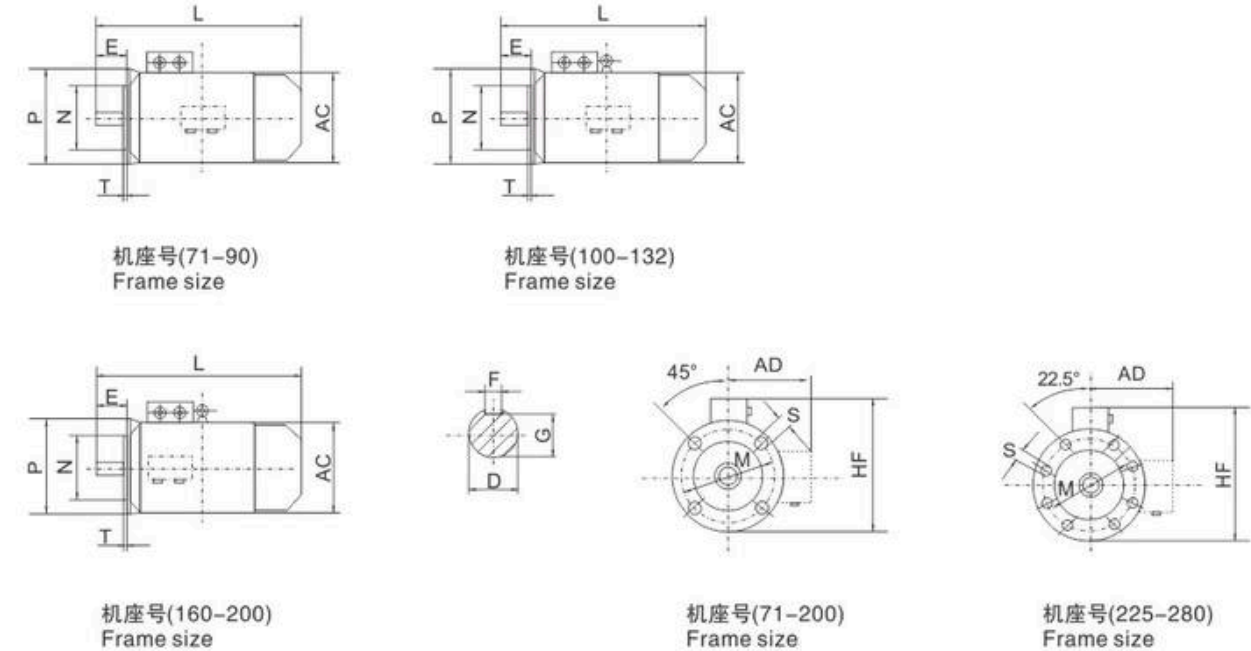
Y2EJ技术参数 Technical data

型号 Type	额定功率 Output power		满载时 Full loaded				空载 振动	空载 噪声	堵转电流 额定电流	堵转转矩 额定转矩	最大转矩 额定转矩	制动器静 制动力矩	空载时 制动时间
	(KW)	(HP)	异步 转速 Asynchronous Speed (r/min)	电流 Current (A)	效率 Eff (%)	功率 因数 Power factor (cos φ)	unloaded vibration (mm/s)	unloaded Noise dB(A)	Locked rotor current Full load current (倍multiple)	Locked rotor torque Full load torque (倍multiple)	Max torque Full load torque (倍multiple)	Torque of brake static braking(N.M)	unloaded Braking time(s)
同步转速 3000r/min(2极)380V 50Hz Synchronous Speed 3000r/min(2P)380V 50HZ													
Y2EJ-71M1-2	0.37	0.5	2800	0.99	70	0.81	1.8	64	6.1	2.2	2.2	4.0	0.20
Y2EJ-71M2-2	0.55	0.75	2800	1.40	73	0.82	1.8	64	6.1	2.2	2.3	4.0	0.20
Y2EJ-80M1-2	0.75	1	2840	1.83	75	0.83	1.8	67	6.1	2.2	2.3	7.5	0.20
Y2EJ-80M2-2	1.1	1.5	2840	2.60	76.2	0.84	1.8	71	7.0	2.2	2.3	7.5	0.20
Y2EJ-90S-2	1.5	2	2840	3.50	78.5	0.84	1.8	75	7.0	2.2	2.3	15	0.20
Y2EJ-90L-2	2.2	3	2840	4.90	81	0.85	1.8	75	7.0	2.2	2.3	15	0.20
Y2EJ-100L-2	3	4	2860	6.30	82.6	0.87	1.8	79	7.5	2.2	2.3	30	0.20
Y2EJ-112M-2	4	5.5	2890	8.20	84.2	0.88	1.8	79	7.5	2.2	2.3	40	0.25
Y2EJ-132S1-2	5.5	7.5	2900	11.1	85.7	0.88	1.8	83	7.5	2.2	2.3	75	0.25
Y2EJ-132S2-2	7.5	10	2900	14.9	87	0.88	1.8	83	7.5	2.2	2.3	75	0.25
Y2EJ-160M1-2	11	15	2947	21.2	88.4	0.89	2.8	87	7.5	2.2	2.3	150	0.35
Y2EJ-160M2-2	15	20	2947	28.6	89.4	0.89	2.8	87	7.5	2.2	2.3	150	0.35
Y2EJ-160L-2	18.5	25	2947	34.7	90.5	0.90	2.8	87	7.5	2.2	2.3	150	0.35
Y2EJ-180M-2	22	30	2930	41	90	0.90	2.8	89	7.5	2.0	2.3	220	0.60
Y2EJ-200L1-2	30	40	2940	55.4	91.4	0.90	2.8	92	7.5	2.0	2.3	300	0.70
Y2EJ-200L2-2	37	50	2940	67.9	92	0.90	2.8	92	7.5	2.0	2.3	300	0.70
Y2EJ-225M-2	45	60	2970	82.1	92.5	0.90	3.5	92	7.5	2.0	2.3	450	0.8
Y2EJ-250M-2	55	74	2970	99.8	93	0.90	3.5	102	7.5	2.0	2.3	600	0.8
Y2EJ-280S-2	75	100	2970	135.3	93.6	0.90	3.5	103	7.5	2.0	2.3	850	1.2
Y2EJ-280M-2	90	121	2970	160	93.9	0.91	3.5	106	7.5	2.0	2.3	850	1.2
同步转速 1500r/min(4极)380V 50Hz Synchronous Speed 1500r/min(2P)380V 50HZ													
Y2EJ-71M1-4	0.25	0.34	1350	0.79	65	0.74	1.8	58	5.2	2.1	2.2	4.0	0.20
Y2EJ-71M2-4	0.37	0.5	1350	1.12	67	0.75	1.8	58	5.2	2.1	2.2	4.0	0.20
Y2EJ-80M1-4	0.55	0.75	1380	1.57	71	0.75	1.8	61	5.2	2.4	2.3	7.5	0.20
Y2EJ-80M2-4	0.75	1	1380	2.05	73	0.76	1.8	61	6.0	2.3	2.3	7.5	0.20
Y2EJ-90S-4	1.1	1.5	1390	2.8	76.2	0.77	1.8	67	6.0	2.3	2.3	15	0.20
Y2EJ-90L-4	1.5	2	1390	3.7	78.5	0.79	1.8	67	6.0	2.3	2.3	15	0.20
Y2EJ-100L1-4	2.2	3	1410	5.1	81	0.81	1.8	70	7.0	2.3	2.3	30	0.20
Y2EJ-100L2-4	3	4	1410	6.7	82.6	0.82	1.8	70	7.0	2.3	2.3	30	0.20
Y2EJ-112M-4	4	5.5	1440	8.8	84.2	0.82	1.8	74	7.0	2.3	2.3	40	0.25
Y2EJ-132S-4	5.5	7.5	1450	11.7	85.7	0.83	1.8	78	7.0	2.3	2.3	75	0.25
Y2EJ-132M-4	7.5	10	1450	15.6	87	0.84	1.8	78	7.0	2.3	2.3	75	0.25
Y2EJ-160M-4	11	15	1460	22.5	88.4	0.84	2.8	82	7.0	2.2	2.3	150	0.35
Y2EJ-160L-4	15	20	1460	30.0	89.4	0.85	2.8	82	7.0	2.2	2.3	150	0.35
Y2EJ-180M-4	18.5	25	1470	36.3	90	0.86	2.8	82	7.5	2.2	2.3	220	0.60
Y2EJ-180L-4	22	30	1470	42.9	90.5	0.86	2.8	82	7.5	2.2	2.3	300	0.70
Y2EJ-200L-4	30	40	1470	58	91.4	0.86	2.8	84	7.2	2.2	2.3	300	0.70
Y2EJ-225S-4	37	50	1480	70.2	92	0.87	3.5	81	7.2	2.2	2.3	450	0.80
Y2EJ-225M-4	45	60	1480	85	92.5	0.87	3.5	81	7.2	2.2	2.3	450	0.80
Y2EJ-250M-4	55	74	1480	103.3	93	0.87	3.5	92	7.2	2.2	2.3	600	0.8
Y2EJ-280S-4	75	100	1480	139.9	93.6	0.87	3.5	95	7.2	2.2	2.3	850	1.2
Y2EJ-280M-4	90	120	1480	167.4	93.9	0.87	3.5	95	7.2	2.2	2.3	850	1.2

Y2EJ技术参数 Technical data

型号 Type	额定功率 Output power		满载时 Full loaded				空载 振动 unloaded vibration (mm/s)	空载 噪声 unloaded Noise dB(A)	堵转电流 额定电流 Locked rotor current Full load current (倍multiple)	堵转转矩 额定转矩 Locked rotor torque Full load torque (倍multiple)	最大转矩 额定转矩 Max torque Full load torque (倍multiple)	制动器静 制动力矩 Torque of brake static braking(N.M)	空载时 制动时间 unloaded Braking time(s)
	(KW)	(HP)	异步 转速 Asynchronous Speed (r/min)	电流 Current (A)	效率 Eff (%)	功率 因数 Power factor (cos φ)							
同步转速 1000r/min(6极)380V 50Hz Synchronous Speed 1000r/min(6P)380V 50HZ													
Y2EJ-71M1-6	0.18	0.25	850	0.74	56	0.66	1.8	56	4.0	2.0	2.0	4.0	0.20
Y2EJ-71M2-6	0.25	0.34	850	0.95	59	0.68	1.8	56	4.0	2.0	2.0	4.0	0.20
Y2EJ-80M1-6	0.37	0.5	885	1.30	62	0.70	1.8	56	4.7	2.0	2.0	7.5	0.20
Y2EJ-80M2-6	0.55	0.75	885	1.79	65	0.72	1.8	58	4.7	2.0	2.1	7.5	0.20
Y2EJ-90S-6	0.75	1	910	2.29	69	0.72	1.8	61	5.6	2.1	2.1	15	0.20
Y2EJ-90L-6	1.1	1.5	910	3.2	72	0.73	1.8	65	6.4	2.1	2.1	15	0.20
Y2EJ-100L-6	1.5	2	920	4.0	76	0.75	1.8	67	6.4	2.1	2.1	30	0.20
Y2EJ-112M-6	2.2	3	940	5.60	79	0.76	1.8	67	6.4	2.1	2.1	40	0.25
Y2EJ-132S-6	3	4	960	7.40	81	0.76	1.8	71	6.4	2.1	2.1	75	0.25
Y2EJ-132M1-6	4	5.5	960	9.8	82	0.76	1.8	71	7.0	2.1	2.1	75	0.25
Y2EJ-132M2-6	5.5	7.5	960	12.9	84	0.77	1.8	71	7.0	2.1	2.1	75	0.35
Y2EJ-160M-6	7.5	10	960	17.2	86	0.77	2.8	75	7.0	1.9	2.1	150	0.35
Y2EJ-160L-6	11	15	960	24.5	87.5	0.78	2.8	75	7.0	2.1	2.1	150	0.35
Y2EJ-180L-6	15	20	970	31.6	89	0.81	2.8	78	6.5	2.0	2.1	220	0.60
Y2EJ-200L1-6	18.5	25	970	38.6	90	0.81	2.8	78	6.5	2.1	2.1	300	0.70
Y2EJ-200L2-6	22	30	970	44.7	90	0.83	2.8	78	6.5	2.0	2.1	300	0.70
Y2EJ-225M-6	30	40	980	59.3	91.5	0.84	3.5	76	7	1.8	2.1	450	0.80
Y2EJ-250M-6	37	49.6	980	71.1	92.0	0.86	3.5	78	7	2.1	2.1	600	0.80
Y2EJ-280S-6	45	60	980	85.9	92.5	0.86	3.5	80	7	2.1	2.0	850	1.2
Y2EJ-280M-6	55	74	980	104.7	92.8	0.86	3.5	80	7	2.1	2.0	850	1.2
同步转速 750r/min(8极)380V 50Hz Synchronous Speed 750r/min(8P)380V 50Hz													
Y2EJ-80M1-8	0.18	0.24	645	0.88	51	0.61	1.8	51	3.3	1.8	1.9	7.5	0.20
Y2EJ-80M2-8	0.25	0.34	645	1.15	54	0.61	1.8	51	3.3	1.8	1.9	7.5	0.20
Y2EJ-90S-8	0.37	0.5	670	1.49	62	0.61	1.8	56	4.0	1.8	2.0	15	0.20
Y2EJ-90L-8	0.55	0.75	670	2.17	63	0.61	1.8	56	4.0	1.8	2.0	15	0.20
Y2EJ-100L1-8	0.75	1.0	680	2.4	71	0.67	1.8	61	4.0	1.8	2.0	30	0.20
Y2EJ-100L2-8	1.1	1.5	680	3.3	73	0.69	1.8	61	5.0	1.8	2.0	30	0.20
Y2EJ-112M-8	1.5	2	690	4.4	75	0.69	1.8	65	5.0	1.8	2.0	40	0.25
Y2EJ-132S-8	2.2	3	710	6.0	78	0.71	1.8	66	5.0	1.8	2.0	75	0.25
Y2EJ-132M-8	3	4	710	7.9	79	0.73	1.8	66	6.0	1.9	2.0	75	0.25
Y2EJ-160M1-8	4	5.5	720	10.3	81	0.73	2.8	69	6.0	1.9	2.0	150	0.35
Y2EJ-160M2-8	5.5	7.5	720	13.6	83	0.74	2.8	69	6.0	2.0	2.0	150	0.35
Y2EJ-160L-8	7.5	10	720	17.8	85.5	0.75	2.8	72	6.0	2.0	2.0	150	0.35
Y2EJ-180L-8	11	15	730	25.1	87.5	0.76	2.8	75	6.6	2.0	2.0	220	0.60
Y2EJ-200L-8	15	20	730	34.1	88.0	0.76	2.8	75	6.6	2.0	2.0	300	0.70
Y2EJ-225S-8	18.5	25	730	41.1	90	0.76	3.5	73	6.6	1.9	2.0	450	0.80
Y2EJ-225M-8	22	30	740	47.4	90.5	0.78	3.5	73	6.6	1.9	2.0	450	0.80
Y2EJ-250M-8	30	40	740	63.4	91	0.79	3.5	84	6.6	1.9	2.0	600	0.80
Y2EJ-280S-8	37	50	740	77.8	91.5	0.79	3.5	84	6.6	1.9	2.0	850	1.2
Y2EJ-280M-8	45	60	740	94.1	92.0	0.79	3.5	84	6.6	1.9	2.0	850	1.2

机座不带底脚，端盖上有凸缘(带通孔)-IMB5 Frame without feet and end-shield with flange(with plain holes)-IMB5

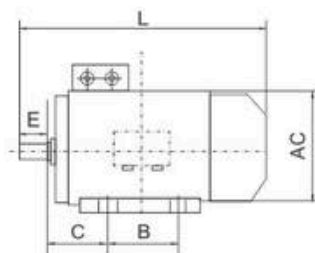


安装及外型尺寸 Mounting and dimensions

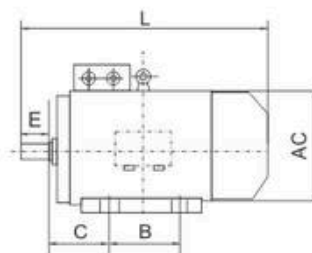
机座号 Frame size	安装尺寸 Mounting dimension(mm)										外型尺寸 Exterior dimension(mm)			
	D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
71M	14	30	5	11	130	110	160	0±1.5	10	3.5	145	120	200	306
80M	19	40	6	15.5							175	130	230	307
90S	24	50	8	20	165	130	200	0±1.5	12	3.5	195	140	240	394
90L														425
100L	28	60	8	24	215	180	250	0±2.0	15	4.0	215	165	290	482
112M														500
132S	38	80	10	33	265	230	300	0±2.0	15	4.0	275	210	315	588
132M														638
160M	42	110	12	37	300	250	350	0±3.0	19	5.0	330	255	385	769
160L														838
180M	48	110	14	42.5	300	250	350	0±3.0	19	5.0	380	280	430	820
180L														870
200L	55		16	49	350	300	400	0±3.0	19	5.0	420	305	480	898
225S	60	140	18	53	400	350	450	0±4.0	19	5.0	475	345	535	1000
225M														1030
250M	65	140	18	58	500	450	550	0±4.0	19	5.0	500	370	595	1060
280S	75	140	20	67.5	500	450	550	0±4.0	19	5.0	540	410	650	1100
280M	75	140	20	67.5	500	450	550	0±4.0	19	5.0	540	410	650	1151

注: R为凸缘配合面至轴伸肩的距离。Note: R is the distance from the flange mounting-plan to the shaft-extension shoulder.

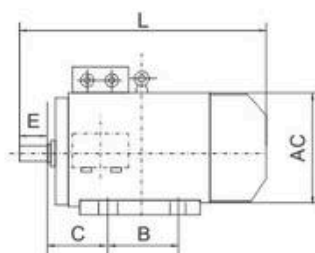
● 机座带底脚，端盖上无凸缘-IMB3
Frame with feet and end-shield without flange-IMB3



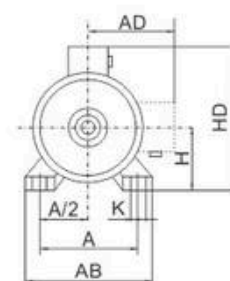
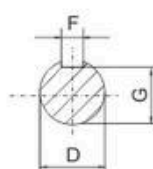
机座号(71-90)
Frame size



机座号(100-132)
Frame size



机座号(160-280)
Frame size

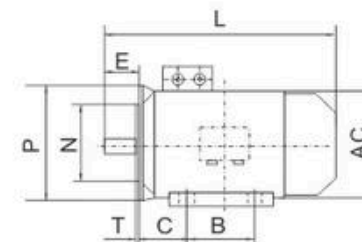


机座号(71-280)
Frame size

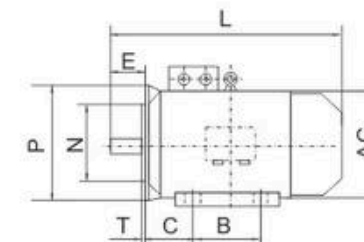
安装及外型尺寸 Mounting and dimensions

机座号 Frame size	安装尺寸 Mounting dimension(mm)										外型尺寸 Exterior dimension(mm)					
	A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	
71M	112	56	90	45	14	30	5	11	71	7	150	145	120	191	306	
80M	125	62.5	100	50	19	40	6	15.5	80	10	165	175	130	210	370	
90S	140	70	100	56	24	50	8	20	90		180	195	140	230	394	
90L			125												425	
100L	160	80	140	63	28	60		24	100		12	205	215	165	265	482
112M	190	95	140	70						230		240	178	290	500	
132S	216	108	140	89	38	80	10	33	132	270		275	210	345	588	
132M			178												638	
160M	254	127	210	108	42	110	12	37	160	15	320	330	255	420	769	
160L			254												838	
180M	279	139.5	241	121	48		14	42.5	180		355	380	280	455	820	
180L			279												870	
200L	318	159	305	133	55	140	16	49	200	19	395	420	305	505	898	
225S	356	178	286	149	60		140	18	53	225	19	435	475	345	530	1000
225M			311													1030
250M	406	203	349	168	65		140	18	58	250	24	490	500	370	615	1060
280S	457	228.5	368	190	75		140	20	67.5	280	24	550	540	410	680	1134
280M	457	228.5	419	190	75		140	20	67.5	280	24	550	540	410	680	1185

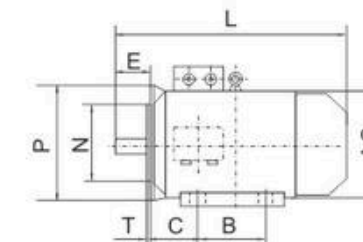
● 机座带底脚，端盖上有凸缘(带通孔)-IMB35
Frame with feet and end-shield with flange(with plain holes)-IMB35



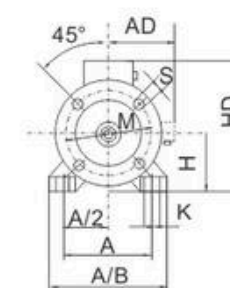
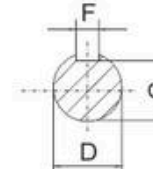
机座号(71-90)
Frame size



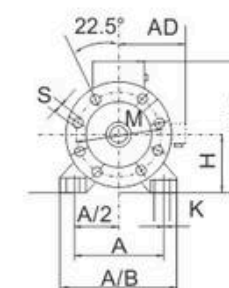
机座号(100-132)
Frame size



机座号(160-280)
Frame size



机座号(71-200)
Frame size



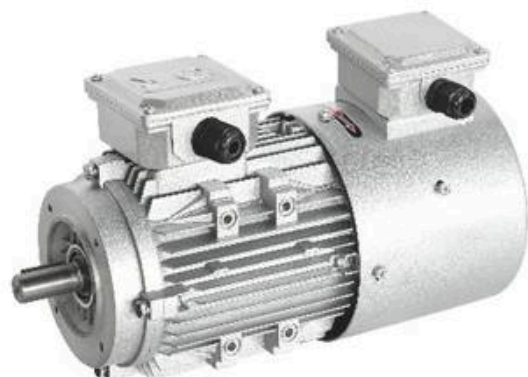
机座号(225-280)
Frame size

安装及外型尺寸 Mounting and dimensions

机座号 Frame size	安装尺寸 Mounting dimension(mm)																	外型尺寸 Exterior dimension(mm)				
	A	A/2	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L	
71M	112	56	90	45	14	30	5	11	71	7	130	110	160	0±1.5	10	3.5	150	145	120	191	306	
80M	125	62.5	100	50	19	40	6	15.5	80	10				0±1.5	12	3.5	165	175	130	210	370	
90S	140	70	100	56	24	50	8	20	90								165	130	200	0±1.5	12	3.5
90L			125							24	60	24	100	215	180	250						
100L	160	80	140	63	28	60		24	112								12	265	230	300	0±2	15
112M	190	95	140	70						80	10	33	132	15	300	250						
132S	216	108	140	89	38	80	12	37	160								265	230	300	0±2	15	4
132M			178							108	42	110	14	42.5	180	15						
160M	254	127	210	108	42	110	14	42.5	180								15	300	250	350	0±3	19
160L			254							121	48	140	18	53	225	19						
180M	279	139.5	241	121	48	110	14	42.5	180								15	300	250	350	0±3	19
180L			279							121	48	140	18	53	225	19						
200L	318	159	305	133	55	140	18	53	225								19	400	350	450	0±4.0	19
225S	356	178	286	149	60					140	18	53	225	19	400	350						
225M			311			121	48	140	18								53	225	19	400	350	450
250M	406	203	349	168	65					140	18	58	250	24	500	450						
280S	457	228.5	368	190	75	140	20	67.5	280	24	500	450	550	0±4.0	19	5	230	240	178	290	500	
280M	457	228.5	419	190	75	140	20	67.5	280	24	500	450	550	0±4.0	19	5	270	275	210	345	638	

YVF2 80~355 系列变频调速三相异步电动机

YVF2 80~355 Series Variable Frequency Three Phase Asynchronous Motor



概述

额定功率: 0.55~315kW

额定电压: 380V

机座号: 80~355

防护等级: IP54

绝缘等级: F

冷却方式: IC416

变频范围: 恒转矩: 5~50Hz

恒功率: 2p: 50~60Hz

4~6p: 50~100Hz

接 法: ≤55kW: Y; >55kW: △

Summary

Rate power: 0.55~315kW

Rate voltage: 380V

Frame size: 80~355

Protection degree: IP54

Insulation class: F

Cooling method: IC416

Frequency rage: constant torque: 5~50Hz

Constant power: 2p: 50~60Hz

4~6p: 50~100Hz

Connection: ≤55kW: Y; >55kW: △

结构特点 Structural Characteristics

YVF2 系列电动机采用高强度铸铁或铝合金结构, 具有可靠性高、调速范围宽、精度高等特点, 安装尺寸和功率等级与YE2系列电机一致, 互换性、适用性强。装有独立的冷却风机, 保证电机在不同转速下均有良好的冷却效果。

The YVF2 series motors with high strength cast iron structure, have the characteristics of high reliability, wide speed range, high precision, high interchangeability and applicability with YE2 series motors because of their same power grade and mounting imension. The YVF2 series motors have independent cooling fan to ensure good cooling effect under different speed.

与变频电机配套的部件参数 Technical data of spare parts

电机 Motors	机座号 Frame	80	90	100	112	132	160	180	200	225	250	280	315	355
	功率 (W)	35	40	52	60	80	80	80	120	230	320	320	1100	2200
冷却风机 Cool fan motor	电压 Voltage	三相 380V												
光电编码器 Encoder	增量型编码器（根据用户要求安装） Incremental Encoder (according to customer's requirement)													

YVF2技术参数 Technical data 额定电压: 380V 频率: 50HZ Rated Voltage: 380V Frequency: 50HZ

型号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff %	功率 因数 P.F	额定 转矩 N.m	噪声 dB(A)	恒转矩调频范围 Constant Torque Frequency Range Hz	恒功率调频范围 Constant Output Frequency Range Hz
同步转速 3000r/min									
YVF2-80M1-2	0.75	1.83	2845	75.0	0.83	2.52	73	5-50	50-60
YVF2-80M2-2	1.1	2.61	2845	76.2	0.84	3.69	73		
YVF2-90S-2	1.5	3.46	2840	28.5	0.84	5.04	76		
YVF2-90L-2	2.2	4.85	2840	81.0	0.85	7.40	76		
YVF2-100L-2	3	6.34	2860	82.6	0.87	10.1	79		
YVF2-112M-2	4	8.20	2880	81.2	0.88	13.3	80		
YVF2-132S1-2	5.5	11.1	2900	85.7	0.88	18.1	86		
YVF2-132S2-2	7.5	14.9	2900	87.0	0.88	24.7	86		
YVF2-160M1-2	11	21.2	2930	88.4	0.89	35.9	90		
YVF2-160M2-2	15	28.6	2930	89.4	0.89	48.9	90		
YVF2-160L-2	18.5	34.7	2930	90.0	0.90	60.3	90		
YVF2-180M-2	22	41.0	2940	90.5	0.90	71.5	91		
YVF2-200L1-2	30	55.4	2950	91.4	0.90	97.0	92	5-50	50-60
YVF2-200L2-2	37	67.9	2950	92.0	0.90	120	92		
YVF2-225M-2	45	82.1	2960	92.5	0.90	145	94		
YVF2-250M-2	55	99.8	2965	93.0	0.90	177	96		
YVF2-280S-2	75	135	2970	93.6	0.90	241	99		
YVF2-280M-2	90	160	2975	93.9	0.91	297	99		
YVF2-315S-2	110	195	2975	94.0	0.91	353	105	5-50	50-60
YVF2-315M-2	132	233	2975	94.5	0.91	424	105		
YVF2-315L1-2	160	279	2975	94.6	0.92	514	109		
YVF2-315L-2	185	323	2975	94.6	0.92	594	109		
YVF2-315L2-2	200	348	2975	94.8	0.92	642	109		
YVF2-315L3-2	220	383	2975	94.8	0.92	706	109		
YVF2-355M1-2	220	383	2975	94.8	0.92	705	111		
YVF2-355M-2	250	435	2980	95.0	0.92	801	111		
YVF2-355L1-2	280	487	2980	95.0	0.92	897	113		
YVF2-355L-2	315	548	2980	95.0	0.92	1009	113		
YVF2-355L2-2	355	617	2980	95.0	0.92	1138	113		
YVF2-355L3-2	375	652	2980	95.0	0.92	1202	113		

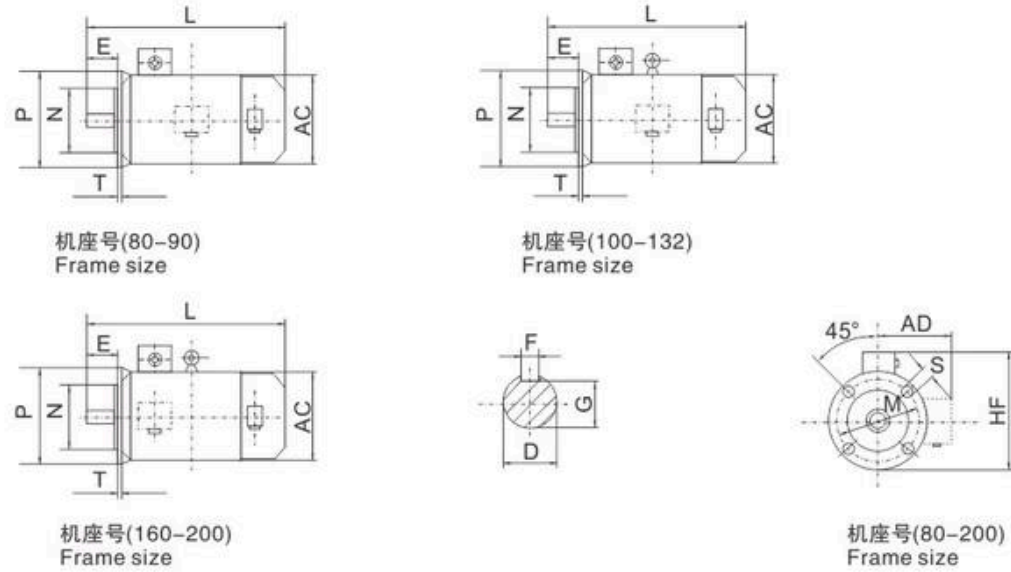
YVF2技术参数 Technical data 额定电压: 380V 频率: 50HZ Rated Voltage: 380V Frequency: 50HZ

型号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff %	功率 因数 P.F	额定 转矩 N.m	噪声 dB(A)	恒转矩调频范围 Constant Torque Frequency Range Hz	恒功率调频范围 Constant Output Frequency Range Hz
同步转速 1500r/min									
YVF2-80M1-4	0.55	1.57	1390	71.0	0.75	3.78	73	5-50	50-100
YVF2-80M2-4	0.75	2.05	1390	73.0	0.76	5.15	73		
YVF2-90S-4	1.1	2.85	1390	76.2	0.77	7.56	76		
YVF2-90L-4	1.5	3.68	1390	78.5	0.79	10.3	76		
YVF2-100L1-4	2.2	5.09	1410	81.0	0.81	14.9	79		
YVF2-100L2-4	3	6.73	1410	82.6	0.82	20.3	79		
YVF2-112M-4	4	8.80	1440	84.2	0.82	26.5	80		
YVF2-132S-4	5.5	11.7	1440	85.7	0.83	36.5	86		
YVF2-132M-4	7.5	15.6	1440	87.0	0.84	49.7	86		
YVF2-160M-4	11	22.5	1460	88.4	0.84	72.0	90		
YVF2-160L-4	15	30.0	1460	89.4	0.85	98.1	90		
YVF2-180M-4	18.5	36.3	1470	90.0	0.86	120	91		
YVF2-180L-4	22	42.9	1470	90.5	0.86	143	91		
YVF2-200L-4	30	58.0	1470	91.4	0.86	195	92		
YVF2-225S-4	37	70.2	1475	92.0	0.87	240	94		
YVF2-225M-4	45	85.0	1475	92.5	0.87	291	94		
YVF2-250M-4	55	103	1480	93.0	0.87	355	96		
YVF2-280S-4	75	140	1480	93.6	0.87	484	99		
YVF2-280M-4	90	167	1480	93.9	0.87	571	99		
YVF2-315S-4	110	201	1480	94.5	0.88	710	105		
YVF2-315M-4	132	240	1480	94.8	0.88	852	105		
YVF2-315L1-4	160	288	1480	94.9	0.89	1032	109		
YVF2-315L-4	185	333	1480	94.9	0.89	1194	109		
YVF2-315L2-4	200	360	1480	94.9	0.89	1291	109		
YVF2-315L3-4	220	396	1480	94.9	0.89	1420	109		
YVF2-355M1-4	220	396	1490	94.9	0.89	1410	111		
YVF2-355M-4	250	444	1490	95.1	0.90	1602	111		
YVF2-355L1-4	280	497	1490	95.1	0.90	1795	113		
YVF2-355L-4	315	559	1490	95.1	0.90	2019	113		
YVF2-355L2-4	355	630	1490	95.1	0.90	2275	113		
YVF2-355L3-4	375	666	1490	95.1	0.90	2404	113		

YVF2技术参数 Technical data 额定电压: 380V 频率: 50HZ Rated Voltage: 380V Frequency: 50HZ

型号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff %	功率 因数 P.F	额定 转矩 N.m	噪声 dB(A)	恒转矩调频范围 Constant Torque Frequency Range Hz	恒功率调频范围 Constant Output Frequency Range Hz
同步转速 1000r/min									
YVF2-80M1-6	0.37	1.30	885	62.0	0.70	3.99	73	5-50	50-100
YVF2-80M2-6	0.55	1.79	885	65.0	0.72	5.94	73		
YVF2-90S-6	0.75	2.29	910	69.0	0.72	7.87	76		
YVF2-90L-6	1.1	3.18	910	72.0	0.73	11.5	76		
YVF2-100L-6	1.5	4.00	920	76.0	0.75	15.6	79		
YVF2-112M-6	2.2	5.57	935	79.0	0.76	22.5	80		
YVF2-132S-6	3	7.40	960	81.0	0.76	29.8	86		
YVF2-132M1-6	4	9.75	960	82.0	0.76	39.8	86		
YVF2-132M2-6	5.5	12.9	965	84.0	0.77	54.4	86		
YVF2-160M-6	7.5	17.2	970	86.0	0.77	73.8	90		
YVF2-160L-6	11	24.5	970	87.5	0.78	108	90		
YVF2-180L-6	15	31.6	970	89.0	0.81	148	91		
YVF2-200L1-6	18.5	38.6	980	90.0	0.81	180	92		
YVF2-200L2-6	22	44.7	980	90.0	0.83	214	92		
YVF2-225M-6	30	59.3	980	91.5	0.84	292	94		
YVF2-250M-6	37	71.1	980	92.0	0.86	361	96		
YVF2-280S-6	45	85.9	980	92.5	0.86	439	99		
YVF2-280M-6	55	105	980	92.8	0.86	536	99		
YVF2-315S-6	75	142	985	93.5	0.86	727	105		
YVF2-315M-6	90	170	985	93.8	0.86	873	105		
YVF2-315L1-6	110	207	985	94.0	0.86	1066	109		
YVF2-315L2-6	132	245	985	94.2	0.86	1280	109		
YVF2-315L3-6	160	292	985	94.5	0.87	1551	109		
YVF2-355M1-6	160	292	990	94.5	0.88	1543	111		
YVF2-355M-6	185	338	990	94.5	0.88	1785	111		
YVF2-355M2-6	200	364	990	94.8	0.88	1929	111		
YVF2-355L1-6	220	401	990	94.8	0.88	2122	113		
YVF2-355L-6	250	454	990	95.0	0.88	2412	113		
YVF2-355L2-6	280	509	990	95.0	0.88	2701	113		
YVF2-355L3-6	315	572	990	95.0	0.88	3039	113		

● 机座不带底脚，端盖上有凸缘(带通孔)-IMB5
Frame without feet end-shield with flange(with plain holes)-IMB5

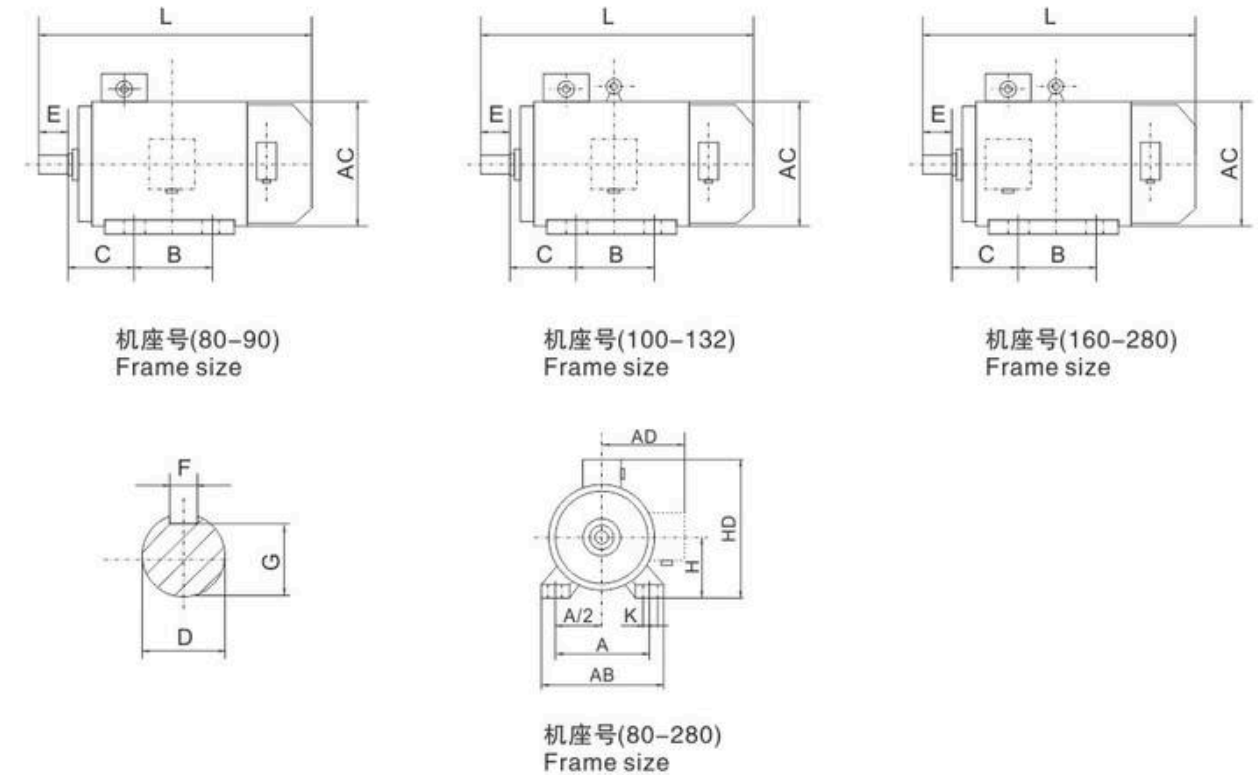


安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Frange code	安装尺寸 Mouting dimension(mm)										外型尺寸 Exterior dimension(mm)				
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L	L (YVF2EJ)
80M	FF165	19	40	6	15.5	165	130	200	0±1.5	12	3.5	175	130	230	370	423
90S	FF165	24	50	8	20	165	130	200	0±1.5	12	3.5	195	140	240	380	450
90L	FF165	24	50	8	20	165	130	200	0±1.5	12	3.5	195	140	240	410	475
100L	FF215	28	60	8	24	215	180	250	0±2.0	15	4	215	165	290	465	520
112M	FF215	28	60	8	24	215	180	250	0±2.0	15	4	240	175	300	480	550
132S	FF265	38	80	10	33	265	230	300	0±2.0	15	4	275	210	315	530	620
132M	FF265	38	80	10	33	265	230	300	0±2.0	15	4	275	210	315	570	652
160M	FF300	42	110	12	37	300	250	350	0±3.0	19	5	330	255	385	660	765
160L	FF300	42	110	12	37	300	250	350	0±3.0	19	5	330	255	385	715	810
180M	FF300	48	110	14	42.5	300	250	350	0±3.0	19	5	380	280	430	775	867
180L	FF300	48	110	14	42.5	300	250	350	0±3.0	19	5	380	280	430	815	905
200L	FF350	55	110	16	49	350	300	400	0±3.0	19	5	420	305	480	850	1005
225S	FF400	60	140	18	53	400	350	450	0	19	5	470	335	535	885	1035
225M															915	1060
250M	FF500	65		20	58	500	450	550				510	370	595	980	
280S		75			67.5										580	410
280M				1135												

注: R为凸缘配合面至轴伸肩的距离。Note: R is the distance from the flange mounting-plan to the shaft-extension shoulder.

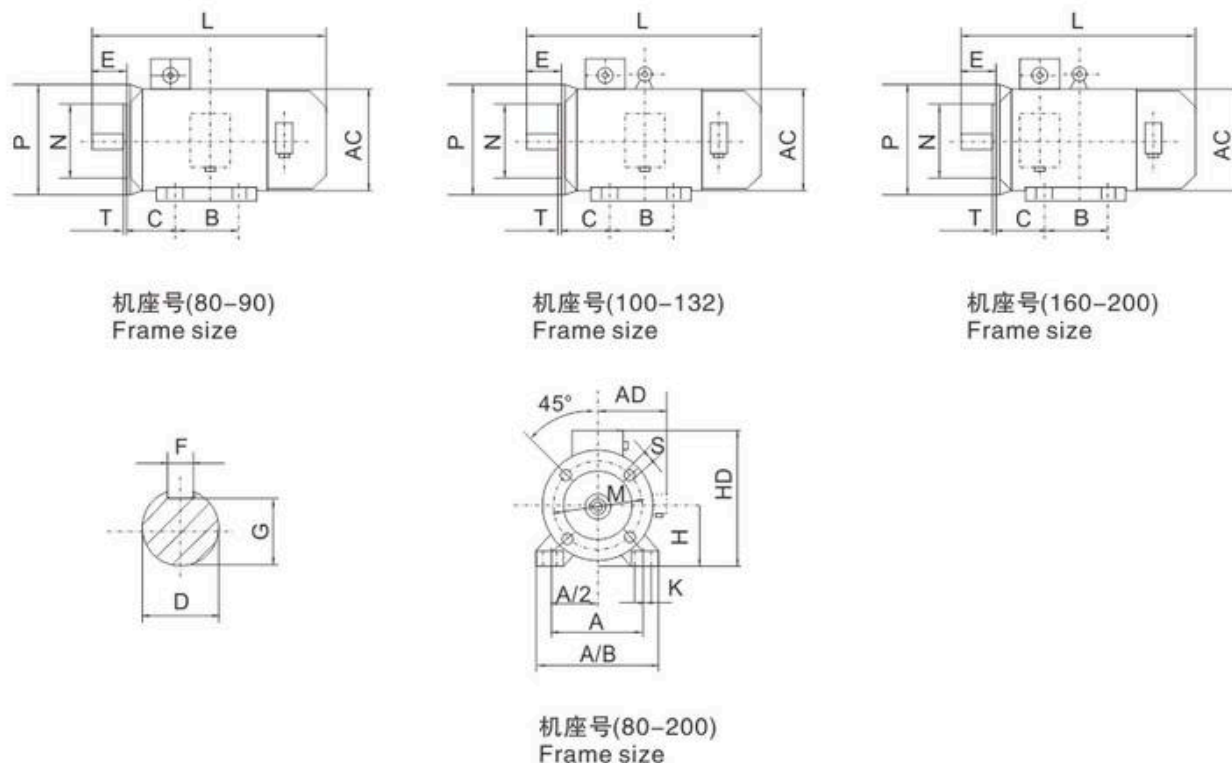
● 机座带底脚，端盖上无凸缘-IMB3
Frame with feet and end-shield without flange-IMB3



安装及外型尺寸 Mounting and dimensions

机座号 Frame size	安装尺寸 Mouting dimension(mm)										外型尺寸 Exterior dimension(mm)						
	A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	L (YVF2EJ)	
80M	125	62.5	100	50	19	40	6	15.5	80	10	165	175	130	210	370	423	
90S	140	70	100	56	24	50	8	20	90		180	195	140	230	380	450	
90L			125										410	475			
100L	160	80	140	63	28	60		24	100	12	205	215	165	265	465	520	
112M	190	95	140	70									112	230	240	178	290
132S	216	108	140	89	38	80	10	33	132		270	275	210	345	530	620	
132M			178										570	652			
160M	254	127	210	108	42	110		12	37	160	15	320	330	255	420	660	765
160L			254														
180M	279	139.5	241	121	48		14	42.5	180	355		380	280	455	775	867	
180L			279														815
200L	318	159	305	133	55		16	49	200	19	395	420	305	505	850	1005	
225S	356	178	286	149	60						18	53	225	435	470	335	560
225M			311					915	1060								
250M	406	203	349	168	65	140	58	250	24	490		510	370	615	980		
280S	457	228.5	368	190	75					20		67.5	280	550	580	410	680
280M			419								1135						

机座带底脚，端盖上有凸缘(带通孔)IMB35
Frame with feet and end-shield with flange (with plain holes)-IMB35



安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Flange code	安装尺寸 Mounting dimension(mm)															外型尺寸 Exterior dimension(mm)					
		A	A/2	B	C	D	E	F	G	H	K	M	N	S	T	P	AB	AC	AD	HD	L	L _(YVF2EJ)
80M	FF165	125	62.5	100	50	19	40	6	15.5	80							165	175	130	210	370	423
90S		140	70	100	56	24	50		20	90	10	165	130	12	3.5	200	180	195	140	230	380	450
90L				125				8													410	475
100L	FF215	160	80	140	63	28	60		24	100		215	180			250	205	215	165	265	465	520
112M		190	95	140	70					112	12			15	4		230	240	178	290	480	550
132S	FF265	216	108	140	89	38	80	10	33	132		265	230			300	270	275	210	345	530	620
132M				178																	570	652
160M				210	108	42		12	37	160							320	330	255	420	660	765
160L	FF300	254	127	254							15	300	250			350					715	810
180M				241	121	48	110	14	42.5	180							355	380	280	455	775	867
180L				279																	815	905
200L	FF350	318	159	305	133	55		16	49	200		350	300	19	5	400	395	420	305	505	850	1005
225S	FF400	356	178	286	149	60		18	53	225	19	400	350			450	435	470	335	560	885	1035
225M				311																	915	1060
250M	FF500	406	203	349	168	65	140		58	250							490	510	370	615	980	
280S		457	228.5	368	190	75		20	67.5	280	24	500	450			550					1085	
280M				419													550	580	410	680		1135

YE3 系列齿轮减速机专用三相异步电动机
YE3 SPECIAL THREE-PHASE ASYNCHRONOUS MOTOR FOR SERIES GEAR REDUCER



电机型号含义

MOTOR MODEL MEANING

YE3 160 M - 4 - 15KW - 2

法兰代号 Flange

1-φ120 6-φ350
2-φ160 7-φ400
3-φ200 8-φ450
4-φ250 9-φ550
5-φ300

功率 Power

极数 Pole

机座长度 (S表示短机座、M表示中机座、
L表示长机座)
(S-Small M-Medium L-Large)

中心高 Center height

YE3直联标准电机 YE3 directly connected motor

Y2EJ直联制动电机 Y2EJ brake motor

YVF2直联变频电机 YVF2 variable frequency motor

YVF2EJ变频制动电机 YVF2EJ variable frequency brake motor

工作条件 WORKING CONDITIONS

- a)环境温度: -15℃~40℃
b)海拔:不超过1200m
c)工作方式: S1
d)电压: 380V (根据需要设计为400V、415V、220/440V、220-440/380-420V等)
e)频率: 50Hz (或根据需要60Hz)
f)绝缘等级: F
g)防护等级: IP55
h)冷却方式: 1C411
i)可选附件: 编码器、防雨风罩、热敏电阻、热保护器等
注: 对以上条件有特殊要求时, 请在订货前咨询
- A) Ambient temperature: -15°C~40°C
B) Altitude: not more than 1200m
C) Working mode: S1
D) Voltage: 380V (400V, 415V, 220/440V, 220-440/380-420V, etc.)
E) Frequency: 50Hz (or 60Hz as required)
F) Insulation grade: F
G) Protection level: IP55
H) Cooling method: 1C411
I) Optional accessories: encoder, rainproof wind hood, thermistor, thermal protector, etc
Note: If you have special requirements on the above conditions please consult before placing an order

产品特点 PRODUCT FEATURES

- 1) 132及以下电动机采用目前市场流行的方形铝机壳, 外形美观, 结构紧凑, 电机采用轴伸端双重锁定的设计原理。消除了电机的轴向窜动, 提高了电机轴向的承载能力, 轴伸油封采用双油封位置设计结构, 从而提高了减速机的使用寿命。
- 2) 对转轴材料均进行调质处理, 对油封位进行高频淬火处理, 对电机轴伸台阶处均采用了R角过渡, 有效避免了应力集中现象, 电机油封安装处采用导角处理, 有效避免油封装配引起的油封损伤。
- 3) 电机互换性强, 同-机座号, 电机法兰可以任意互换; 电机接线盒可四个方向任意旋转; 极大满足了客户的个性化要求。
- 4) 电机均采用F级绝缘电机, 安全, 可靠, 寿命长等。
- 5) 直联制动电机, 可以快速制动、准确定位、防止滑行等, 可满足客户不同的使用要求和工况条件。
- 6) 直联变频电机采用特殊的电磁设计, 通过变频器可以对电机进行无级调速, 调速范围宽、振动小, 易于实现各种自动控制等特点。

- 1) The motors below 132 adopt the square aluminum chassis which is popular in the market at present, with beautiful appearance and compact structure. The motors adopt the design principle of double locking of shaft extension. The axial movement of the motor is eliminated, and the axial bearing capacity of the motor is increased. The shaft extension oil seal adopts the structure of double oil seal position, thus increasing the service life of the reducer.
- 2) the shaft material is quenched, the oil seal position is quenched at high frequency, the motor shaft extension step is adopted at R Angle transition, effectively avoid stress concentration phenomenon, the motor oil seal installation place is adopted guide Angle treatment, effectively avoid oil seal damage caused by oil seal assembly.
- 3) The motor has strong interchangeability. The motor flange can be interchanged arbitrarily with the same frame size; The motor junction box can be rotated in four directions; Greatly meet the personalized requirements of customers.
- 4) The motors are F grade insulated, safe, reliable, long life, etc.
- 5) Direct-connected braking motor can brake quickly, position accurately and prevent sliding, etc., which can meet different requirements and working conditions.
- 6) The direct-connected frequency conversion motor adopts special electromagnetic design. Through the frequency converter, the motor can be stepless speed regulation with wide speed range, small vibration, easy to realize various

硬齿面直联电机法兰尺寸数据

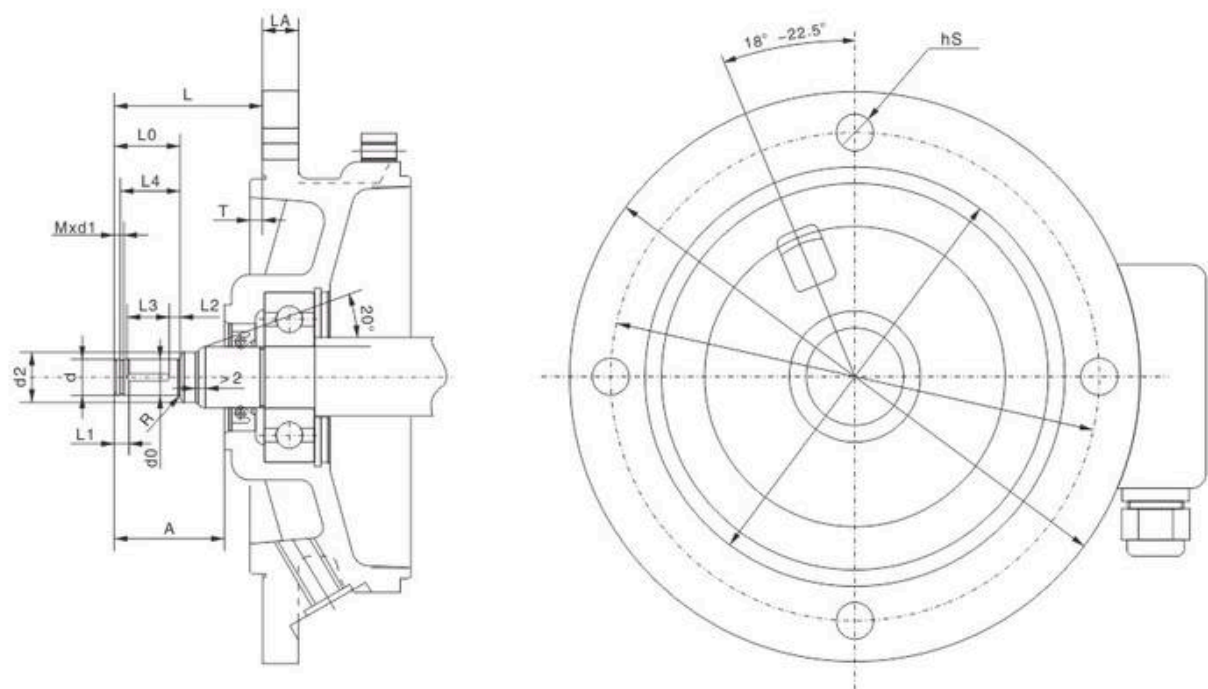
Flange Dimension Data Of Straight Connection Motor With Hard Tooth Surface

机座号 Stand No.	功率 Power kW	法兰 Flange							轴伸 Shaft extension			导向 Guide	
		P	M	N	T	LA	S	n	L	L0	D0	D	L1
63	0.18	120	100	80	3	8	6.6	4	36	18.5	10	10	4
71	0.25	160	130	110	3.5	10	9	4	41.5				
	0.37	200	160	130	3.5	12	11	4	47.5	20.5	12	12	4.5
80M	0.55 0.75	120	100	80	3	8	16.6	4	36				
		160	130	110	3.5	10	9	4	41.5				
		200	160	130	3.5	12	11	4	47.5				
		250	215	180	4	15	14	4	52.5				
90S 90L	1.1 1.5	300	265	230	4	16	14	4	62	22.5	14	14	6.5
		120	100	80	3	8	6.6	4	36				
		160	130	110	3.5	10	9	4	41.5				
		200	160	130	3.5	12	11	4	47.5				
100L	2.2 3	250	215	180	4	15	14	4	52.5				
		300	265	230	4	16	14	4	62	26	16	16	6
		350	300	250	5	18	18	4	68				
		120	130	110	3.5	10	9	4	44				
		200	160	130	3.5	12	11	4	53				
112M	4	250	215	180	4	15	14	4	58	29	18	18	6
		300	265	230	4	16	14	4	63				
		350	300	250	5	18	18	4	69				
		120	130	110	3.5	10	9	4	44	36	22	22	8.5
132S 132M	5.5 7.5	200	160	130	3.5	12	11	4	56				
		250	215	180	4	15	14	4	61				
		300	265	230	4	16	14	4	66				
		350	300	250	5	18	18	4	72				
		400	350	300	5	20	18	8	79				
		450	400	350	5	22	18	8	87				
		200	160	130	3.5	12	11	4	61	41	28	28	11
160M 160L	11 15	250	215	180	4	15	14	4	66				
		300	265	230	4	16	14	4	71				
		350	300	250	5	18	18	4	77				

硬齿面直联电机法兰尺寸数据

Flange Dimension Data Of Straight Connection Motor With Hard Tooth Surface

机座号 Stand No.	功率 Power kW	法兰 Flange							轴伸 Shaft extension			导向 Guide	
		P	M	N	T	LA	S	n	L	L0	D0	D	L1
160M 160L	11 15	400	350	300	5	20	18	8	84	41	28	28	11
		450	400	350	5	22	18	8	92				
		550	500	450	5	25	18	8	100				
180M 180L	18.5 22	250	215	180	4	15	14	4	66	41	32	32	11
		300	265	230	4	16	14	4	71				
		350	300	250	5	18	18	4	77				
		400	350	300	5	20	18	8	84				
		450	400	350	5	22	18	8	92				
		550	500	450	5	25	18	8	100				
200L 225S 225M	30 47 45	300	265	230	4	16	14	4	71	41	38	38	11
		350	300	250	5	18	18	4	77				
		400	350	300	5	20	18	8	84				
		450	400	350	5	22	18	8	92				
		550	500	450	5	25	18	8	100				
250M 280S 280M	55 75 90	400	350	300	5	20	18	8	86	46	48	48	12
		450	400	350	5	22	18	8	94				
		550	500	450	5	25	18	8	102				



硬齿面直联电机外形尺寸图数据

Drawing Data Of Hard Tooth Surface Of Direct-connected Motor

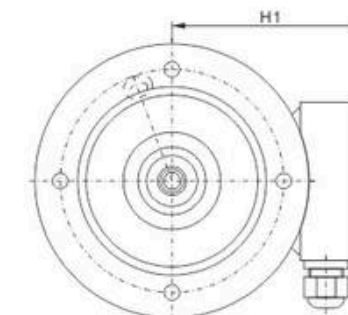
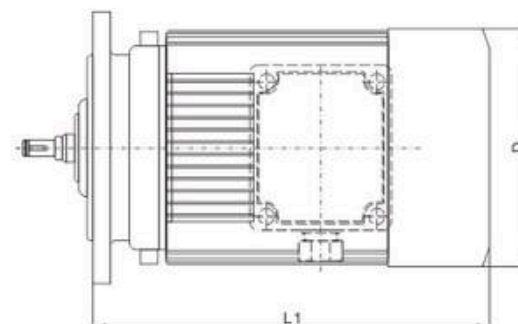
中心高 Center for high	法兰外径 Flange Diameter	L1	L2	L3	L4	D	H1	H2
63	120	221	266	279	328	123	/	98
	160	215.5	260.5	273.5	322.5			
	200	209.5	254.5	267.5	316.5			
71	120	239	297	297	344	140	114	104
	160	233.5	291.5	291.5	338.5			
	200	227.5	285.5	285.5	332.5			
80	120	270.5	317.5	314.5	377.5	150	119	124
	160	265	312	309	372			
	200	259	306	303	366			
	250	254	301	298	361			
	300	243.5	290.5	287.5	350.5			
90	120	318	391	358	425	171	139.5	126
	160	312.5	385.5	352.5	419.5			
	200	304.5	377.5	344.5	411.5			
	250	300.5	373.5	340.5	407.5			
	300	292	365	332	399			
100	120	367.5	437.5	395.5	467.5	195	152	134
	160	359.5	429.5	387.5	455.5			
	200	351.5	421.5	379.5	447.5			
	250	347.5	417.5	375.5	444.5			
	300	341.5	411.5	369.5	438.5			
112	160	375.5	405.5	363.5	432.5	216	169	162
	200	368	431	396	476			
	250	359	422	387	467			
	300	354	417	382	462			
	350	343	406	371	451			
132M	200	413	512	456	548	258	189.5	175
	250	408	507	451	543			
	300	403	502	446	538			
	350	397	496	440	532			
	400	390	489	437	525			
160M	450	382	481	429	517	314	262	232
	200	509	609	544	629			
	250	504	604	539	624			
	300	499	599	534	619			
	350	493	593	528	613			
	400	486	586	521	606			
160M	450	478	578	513	598	314	262	232
	550	470	570	505	590			

硬齿面直联电机外形尺寸图数据

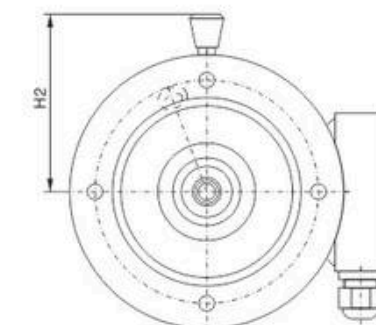
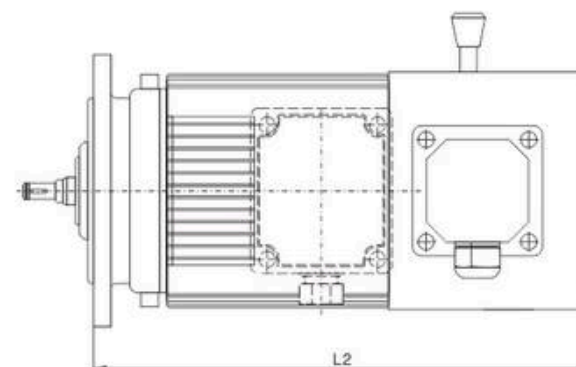
Drawing Data Of Hard Tooth Surface Of Direct-connected Motor

中心高 Center for high	法兰外径 Flange Diameter	L1	L2	L3	L4	D	H1	H2
160L	200	553	653	588	673	314	262	232
	250	548	648	583	668			
	300	543	643	578	663			
	350	537	637	572	657			
	400	530	630	565	650			
	450	522	622	557	642			
180M/L	550	514	314	549	634	355	277	/
	250	578	378	608	720			
	300	573	673	603	715			
	350	567	667	597	709			
	400	560	660	590	702			
	450	552	652	582	694			
200L	550	544	644	574	686	397	313.5	/
	300	698	851	761	914			
	350	692	845	755	908			
	400	685	838	748	907			
	450	677	830	740	899			
225S	550	669	822	732	791	446	334	/
	300	716	849	789	921			
	350	710	843	783	915			
	400	703	836	776	908			
	450	695	828	768	900			
225M	550	687	820	760	892	485	368	/
	300	741	874	814	946			
	350	735	868	808	940			
	400	728	861	801	933			
	450	720	853	793	925			
250M	550	712	845	785	917	547	407	/
	350	806	970	850	1014			
	400	799	963	843	1007			
	450	791	955	835	999			
280S	550	783	947	827	991	547	407	/
	400	854	1014	899	1059			
	450	846	1006	891	1051			
280M	550	838	998	883	1043			
	400	905	1065	950	1110			
	450	897	1057	942	1102			
280M	550	889	1049	936	1094			

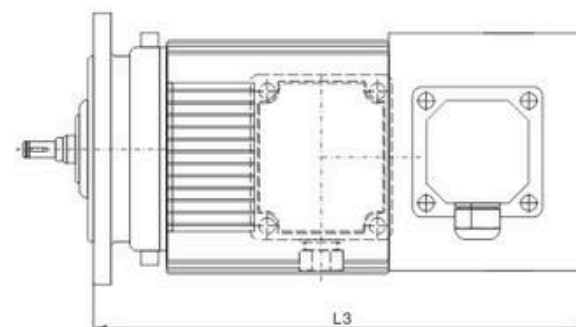
YE3系列 YE3 SERIES



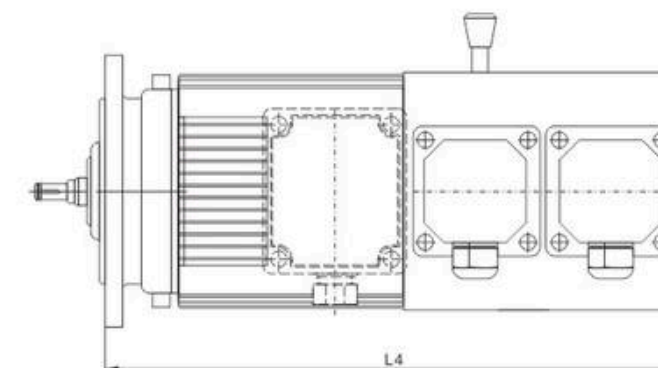
Y2EJ系列 Y2EJ SERIES



YVF2系列 YVF2 SERIES



YVF2EJ系列 YVF2EJ SERIES





杭州誉球机械有限公司

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YUQIU MACHINE

HANGZHOU YUQIU MACHINE CO.,LTD

杭州誉球机械有限公司



单相异步电机

Single-phase asynchronous motor

YL(ML)系列技术参数

YL(ML)series motor technology parameters

产品简介

YL(ML)系列单相异步铝壳电容起动电动机采用了国际上最新设计由高质量材料按IEC相关标准研制而成，具有性能良好，操作可靠、安全，外表美观，维修方便，噪音小，微振动，重量轻，结构简单等一系列优点。YLML系列电动机适用于空压机，水泵，制冷器，医疗仪器，设备和其它需满载起动的机器。

INTRODUCE

YL(ML) series Aluminum housing single-phase two value capacitor asynchronous motos, with the national latest design, are made of quality materials and meet the relative standards of IEC YL/ML series motors have following features: good performance, safe and reliable operation, nice appearance, convenient maintenance, low noise, slight vibration, light weight and simple construction. This series motors can be used on air compressor, pumps, refrigeration, medical apparatus and instruments, and many other small size machine.

使用条件

环境温度: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
海拔不超过1000m
额定电压: 220V, 110V-240V

工作方式: S1 (连续工作制)
绝缘等级: B、F、H
防护等级: IP54、IP55
冷却方式: IC0141

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
Altitude: not exceed 1000m
Rated voltage: 220V, 110V-240V
Rated frequency: 50HZ/60HZ

Duty: S1(continuous)
Insulation class: B/F/H
Protection class: IP54/IP55
Cooling method: IC0141

(220v,50hz)

型号 TYPE	功率 output KW	电压 Voltage V	电流 Current A	转速 speed r/min	效率 EFFICIENCY η %(IE3)	功率因数 POWER FACTOR COS ϕ	堵转电流 Locked Current 倍	最大转矩 MAXIMUM TORQUE 额定转矩 RATED TORQUE Tmax/Tn
YL 7112	0.25	220	1.95	2800	65	0.92	11	1.8
YL 7112	0.37	220	2.73	2800	67	0.92	16	1.8
YL 8012	0.55	220	3.88	2800	70	0.92	29	1.8
YL 8022	0.75	220	5.15	2800	72	0.92	40	1.8
YL 90S-2	1.50	220	7.02	2800	75	0.95	55	1.8
YL 90L-2	2.20	220	9.44	2800	76	0.95	11	1.8
YL 7114	0.18	220	1.55	1400	59	0.92	12	1.8
YL 7124	0.25	220	1.99	1400	62	0.92	16	1.8
YL 7134	0.37	220	2.81	1400	65	0.92	16	1.8
YL 8014	0.37	220	2.81	1400	65	0.92	21	1.8
YL 8024	0.55	220	4.00	1400	68	0.92	29	1.8
YL 8034	0.75	220	5.22	1400	71	0.92	40	1.8
YL 90S-4	1.10	220	7.21	1400	73	0.95	55	1.8
YL 90L-4	1.50	220	9.57	1400	75	0.95	80	1.8
YL 100L-4	2.20	220	13.9	1400	76	0.95	80	1.8

YY/MY Series Single-Phase Capacitor Start Asynchronous Motor with Aluminum Housing

YY/MY 系列铝壳单相电容启动异步电动机



YY(MY)系列技术参数 YY(MY)series motor technology parameters

产品简介

YY(MY)系列单相异步铝壳电容启动电动机采用了国际上最新设计由高质量材料按IEC相关标准研制而成，具有性能良好，操作可靠、安全，外表美观，维修方便，噪音小，微振动，重量轻，结构简单等一系列优点。YLML系列电动机适用于空压机，水泵，制冷器，医疗仪器，设备和其它需满载启动的机器。

INTRODUCE

YY(MY) series Aluminum housing single-phase two value capacitor asynchronous motors, with the national latest design, are made of quality materials and meet the relative standards of IEC YL/ML series motors have following features: good performance, safe and reliable operation, nice appearance, convenient maintenance, low noise, slight vibration, light weight and simple construction. This series motors can be used on air compressor, pumps, refrigeration, medical apparatus and instruments, and many other small size machine.

使用条件

环境温度: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
海拔不超过1000m
额定电压: 220V, 110V-240V

工作方式: S1 (连续工作制)
绝缘等级: B、F、H
防护等级: IP54、IP55
冷却方式: IC0141

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
Altitude: not exceed 1000m
Rated voltage: 220V, 110V-240V
Rated frequency: 50HZ/60HZ

Duty: S1 (continuous)
Insulation class: B/F/H
Protection class: IP54/IP55
Cooling method: IC0141

(220v,50hz)

型 号 TYPE	功率 output	电压 Voltage	电 流 Current	转速 speed	效 率 EFFICIENCY	功率因数 POWER FACTOR	堵转电流 Locked Current	最大转矩 MAXIMUM TORQUE 额定转矩 RATED TORQUE
	KW	v	A	r/min	η % (IE3)	COS ϕ	倍	Tmax/Tn
YY 6312	0.12	220	0.98	2800	58	0.92	5	1.7
YY 6322	0.18	220	1.48	2800	60	0.92	5	1.7
YY 6332	0.25	220	1.96	2800	63	0.92	7	1.7
YY 7112	0.25	220	1.95	2800	65	0.92	7	1.7
YY 7122	0.37	220	2.73	2800	67	0.92	10	1.7
YY 7132	0.55	220	3.88	2800	70	0.92	15	1.7
YY 8012	0.55	220	3.89	2800	71	0.92	15	1.7
YY 8022	0.75	220	5.15	2800	72	0.92	20	1.7
YY 8032	1.10	220	7.02	2800	75	0.95	30	1.7
YY 90S-2	1.50	220	9.44	2800	76	0.95	45	1.7
YY 90L-2	2.20	220	13.67	2800	77	0.95	65	1.7
YY 6314	0.09	220	0.81	1400	54	0.90	3	1.7
YY 6324	0.12	220	1.00	1400	55	0.90	3.5	1.7
YY 6334	0.18	220	1.62	1400	56	0.90	5	1.7
YY 7114	0.18	220	1.60	1400	57	0.92	5	1.7
YY 7124	0.25	220	2.02	1400	61	0.92	7	1.7
YY 7134	0.37	220	2.95	1400	62	0.92	10	1.7
YY 8014	0.37	220	2.85	1400	63	0.92	10	1.7
YY 8024	0.55	220	4.25	1400	64	0.92	15	1.7
YY 8034	0.75	220	5.45	1400	68	0.92	20	1.7
YY 90S-4	1.10	220	7.45	1400	71	0.95	30	1.7
YY 90L-4	1.50	220	9.83	1400	73	0.95	45	1.7

YC/MC Series Single-Phase Capacitor Start Asynchronous Motor with Aluminum Housing

YC/MC 系列铝壳单相电容启动异步电动机



YC(MC)系列技术参数

YC(MC)series motor technology parameters

产品简介

YC(MC)系列单相异步铝壳电容起动电动机采用了国际上最新设计由高质量材料按IEC相关标准研制而成，具有性能良好，操作可靠、安全，外表美观，维修方便，噪音小，微振动，重量轻，结构简单等一系列优点。YLML系列电动机适用于空压机，水泵，制冷器，医疗仪器，设备和其它需满载起动的机器。

INTRODUCE

YC(MC)series Aluminum housing single-phase two value capacitor asynchronous motos, with the national latest design, are made of quality materials and meet the relative standards of IEC YL/ML series motors have following features: good performance, safe and reliable operation, nice appearance, convenient maintenance, low noise, slight vibration, light weight and simple construction. This series motors can be used on air compressor, pumps, refrigeration, medical apparatus and instruments, and many other small size machine.

使用条件

环境温度: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
海拔不超过1000m
额定电压: 220V, 110V-240V

工作方式: S1 (连续工作制)
绝缘等级: B、F、H
防护等级: IP54、IP55
冷却方式: IC0141

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} < 0 < 40^{\circ}\text{C}$
Altitude: not exceed 1000m
Rated voltage: 220V, 110V-240V
Rated frequency: 50HZ/60HZ

Duty: S1(continuous)
Insulation class: B/F/H
Protection class: IP54/IP55
Cooling method: IC0141

(220v,50hz)

型号 TYPE	功率 output KW	电压 Voltage V	电流 Current A	转速 speed r/min	效率 EFFICIENCY $\eta\%$ (IE3)	功率因数 POWER FACTOR COS Φ	堵转电流 Locked Current 倍	最大转矩 MAXIMUM TORQUE 额定转矩 RATED TORQUE Tmax/Tn
YC 7112	0.18	220	1.89	2800	60	0.72	12	1.8
YC 7122	0.25	220	2.40	2800	64	0.74	15	1.8
YC 7132	0.37	220	3.20	2800	65	0.75	20	1.8
YC 8012	0.37	220	3.36	2800	65	0.77	21	1.8
YC 8022	0.55	220	4.65	2800	68	0.79	29	1.8
YC 90S-2	0.75	220	6.09	2800	70	0.80	37	1.8
YC 90L-2	1.10	220	8.68	2800	72	0.80	60	1.8
YC 7114	0.12	220	1.88	1400	50	0.58	9	1.8
YC 7124	0.18	220	2.49	1400	53	0.62	12	1.8
YC 7134	0.25	220	2.95	1400	56	0.62	13	1.8
YC 8014	0.25	220	3.11	1400	58	0.63	15	1.8
YC 8024	0.37	220	4.24	1400	62	0.64	21	1.8
YC 8034	0.55	220	5.30	1400	65	0.65	25	1.8
YC 90S-4	0.55	220	5.49	1400	66	0.69	29	1.8
YC 90L-4	0.75	220	6.87	1400	68	0.73	37	1.8
YC 100L1-4	1.10	220	9.52	1450	71	0.74	60	1.8
YC 100L2-4	1.50	220	12.45	1450	73	0.75	80	1.8