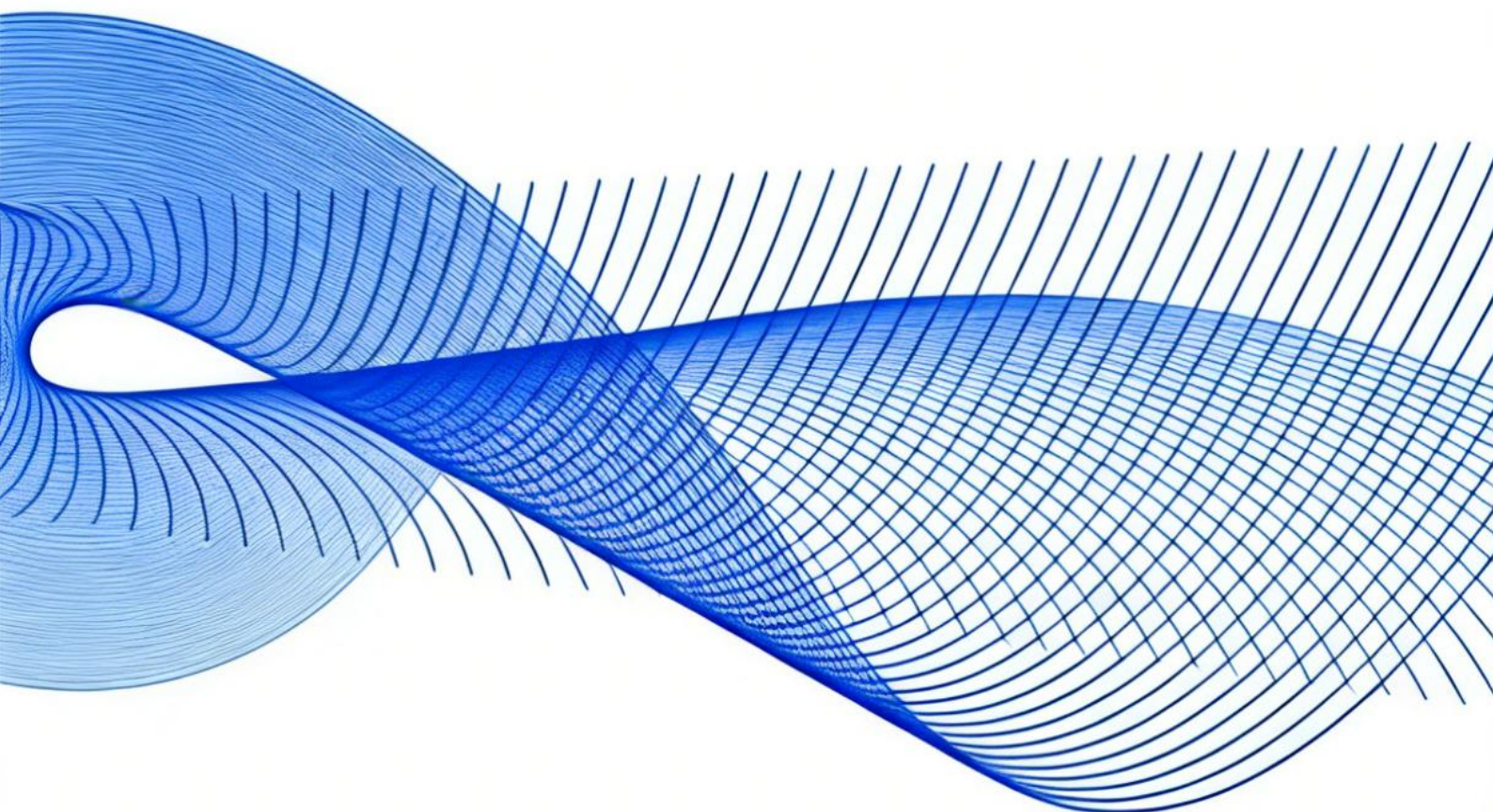


Hangzhou GT Rail Traffic Equipment Co., Ltd

IVH Drive: Global Power Transmission Solutions



Three Phase Asynchronous Motor Catalogue

About Us

IVH DRIVE was founded in 2011 and headquartered in Hangzhou, is a National High-Tech Enterprise integrating R&D, manufacturing, and sales. With over 150 employees (15% in R&D) and a 32,000 m² smart production base, the company achieves an annual turnover of 150 million RMB (with 30% from exports), maintaining steady growth. Holding prestigious international certifications such as CE, UL, and CSA, IVH DRIVE is committed to providing domestic alternatives for high-end transmission equipment, delivering high-efficiency and high-stability power solutions for the global rail traffic and industrial sectors. Our products are widely utilized in diverse industries, including smart logistics, food packaging, energy & mining, and construction machinery. To date, we have exported to 25 countries, with a business footprint spanning Europe, North America, Southeast Asia, and the Middle East, making us your trusted partner for industrial power.

2011

SINCE

25+

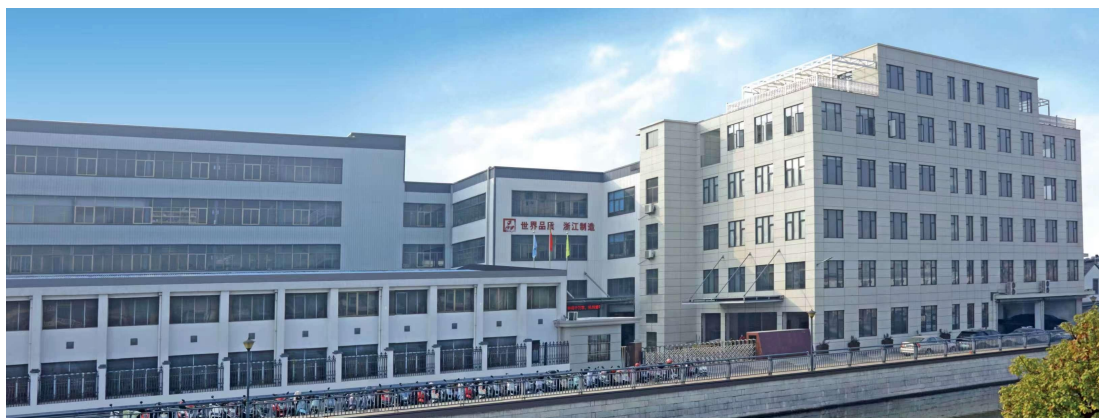
EXPORT COUNTRIES

40+

PRODUCT COVERAGE

8

FACTORIES DISTRIBUTION



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B5型 / B5 type



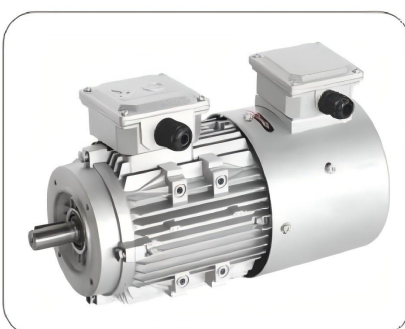
双轴型 / Dual axis type



方形B5 / Square B5



圆型B14 / Circular B14



圆型YVF2 / Circular YVF2



圆型Y2EJ / Circular Y2EJ



方形B3 / Square B3



方形YVF2 / Square YVF2



方形Y2EJ / Square Y2EJ



洗车房专用
Dedicated for car wash room



齿轮专用
Gear specific



齿轮专用
Gear specific

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

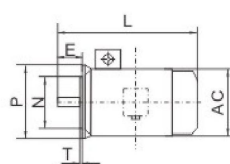
YE3技术参数 Technical data

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

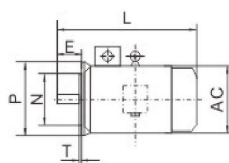
YE3技术参数 Technical data

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

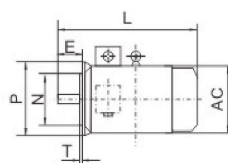
机座不带底脚，端盖上有凸缘(带通孔)-IMB5
Frame without feet and end-shield with flange(with plain holes)-IMB5



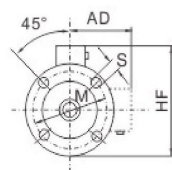
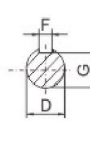
机座号(63-90)
Frame size



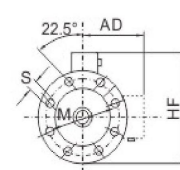
机座号(100-132)
Frame size



机座号(160-280)
Frame size



机座号(63-200)
Frame size

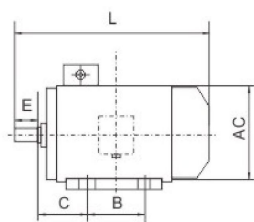


机座号(225-315)
Frame size

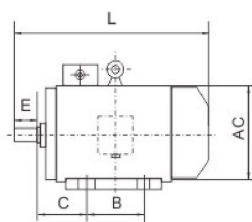
安装及外型尺寸 Mounting and dimensions

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	0	10	3	4	130	110	180	230		
71M	FF130	2、4、6	14	30	5	11	130	110	160			12		3.5	145	120	200	255	
80M	FF165	2、4、6、8	19	40	6	15.5	165	130	200						15	4	175	130	230
90S			24	50	8	24					215						180	250	195
90L			FF215	28			60	24	215			180		250					215
100L	FF265				38	80					10				33	265	230	300	240
112M			FF300	42			110	12	37			300		250					350
132S	48				14	42.5					350				300	400	260	210	
132M			55	16			49	350	300			400		315			255	428	615
160M	FF350				60	140					18			53	400	350	450	19	5
160L			FF400	2			55	16	49			400							
180M	FF500				4、6、8	60					140			18	53	500	450	550	19
180L			FF500	2			65	140	18			58							
200L	FF500				4、6、8	65					140			18	58	500	450	550	19
225S		FF500	2	65			140	18	58			500	450						
225M	FF500				4、6、8	65					140			18	58	500	450	550	19
250M		FF500	2	65			140	18	58			500	450						
280S	FF500				4、6、8	65					140			18	58	500	450	550	19
280M		FF500	2	65			140	18	58			500	450						
315S	FF600				4、6、8	65					140			18	58	500	450	550	19
315M		FF600	2	65			140	18	58			500	450						
315L	FF600				4、6、8、10	65					140			18	58	500	450	550	19
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65					140			18	58	500	450	550	19
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65					140			18	58	500	450	550	19
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
		FF600	2	65			140	18	58			500	450						
	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5
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	FF600				4、6、8、10	65				140	18			58	500	450	550	19	5

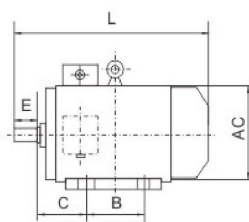
机座带底脚，端盖上无凸缘-IMB3
Frame with feet and end-shield without flange-IMB3



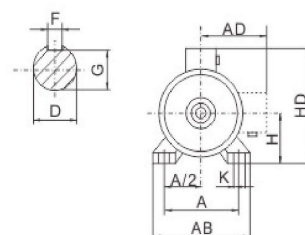
机座号(63-90)
Frame size



机座号(100-132)
Frame size



机座号(160-315)
Frame size

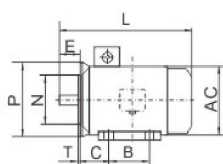


机座号(63-315)
Frame size

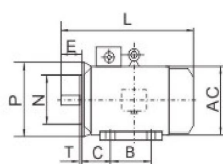
安装及外型尺寸 Mounting and dimensions

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

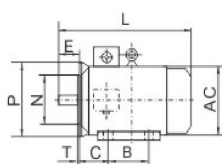
机座带底脚，端盖上有凸缘(带通孔)-IMB35 Frame with feet and end-shield with flange(with plain holes)-IMB35



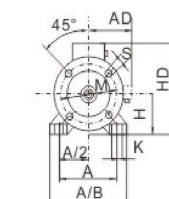
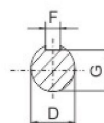
机座号(63-90)
Frame size



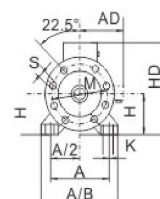
机座号(100-132)
Frame size



机座号(160-315)
Frame size



机座号(63-200)
Frame size



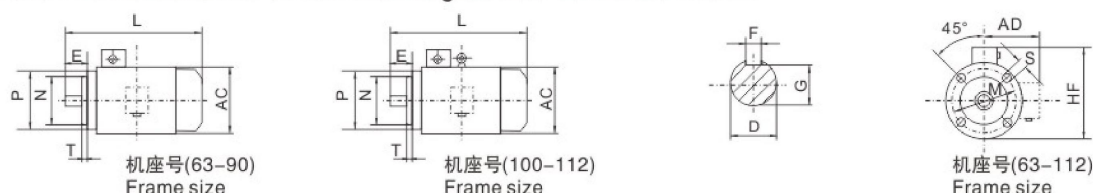
机座号(225-315)
Frame size

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	0	10	3	4	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	2、 4、 6、 8	125	62.5	100	50	19	40	6	15.5	80	10	165	130	200		12	3.5		165	175	130	210	295									
90S			140	70	100 125	56	24	50		20	90		180	230	300					180	195	140	230	320									
90L																								345									
100L	FF215		160	80	140	63	28	60	8		100	12	215	180	250		15	4		205	215	165	265	385									
112M			190	95	140	70				24	112		230	240	178					290	400												
132S	FF265		4、	216	108	140 178	89	38	80	10	33	132		265	230		300	15		4	270	260	210	345	470								
132M			6、																		510												
160M	FF300		8	254	127	210 254	108	42	110	12	37	160	15	300	250		350	0				320	315	255	420	615							
160L																								670									
180M				279	139.5	241 279	121	48		14	42.5	180												700									
180L																								740									
200L	FF350			318	159	305	133	55		16	49	200	19	350	300		400					395	395	305	505	770							
225S	FF400	4、8			286		60	140	18	53	225	19	400	350	450	19	5	8	435	450	335	560	815										
225M		2	356	178		149	55	110	16	49													820										
		4、6、8			311																				845								
250M	FF500	2	406	203	349	168	60	18	53	250	24	500	450	550	0	24	6	8	490	480	370	615	910										
		4、6、8																															
280S		2	457	228.5	368	65	140	58	280	985																							
		4、6、8																						75	20	67.5							
280M		2	419	190	65	75	18	58	1035																								
		4、6、8						20		67.5																							
315S	FF600	2	508	254	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1240									
		4、6、8、10							80	170														22	71								
315M	FF600	2	508	254	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1350									
		4、6、8、10							80	170														22	71								
315L	FF600	2	508	254	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1350									
		4、6、8、10							80	170														22	71								

● 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



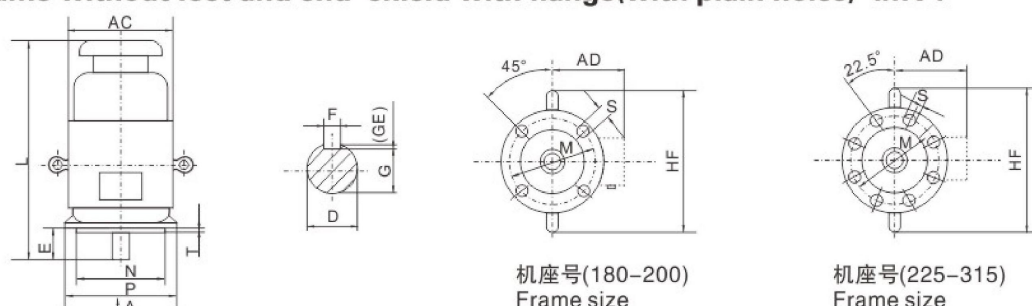
安装及外型尺寸 Mounting and dimensions

机座号 Frame size	凸缘号 Frage 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)			
			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	0	M5	2.5	4	130	110	175	230
71M	FT85	2、4、6	14	30	5	11	85	70	105		M6	3.0		145	120	193	255
80M	FT100	2、4、6、8	19	40	6	15.5	100	80	120		M8			175	130	218	295
90S	FT115		24	50	8	20	115	95	140					195	140	238	320
90L			28	60		24	130	110	160					345			
100L	FT130													215	165	273	385
112M																	

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

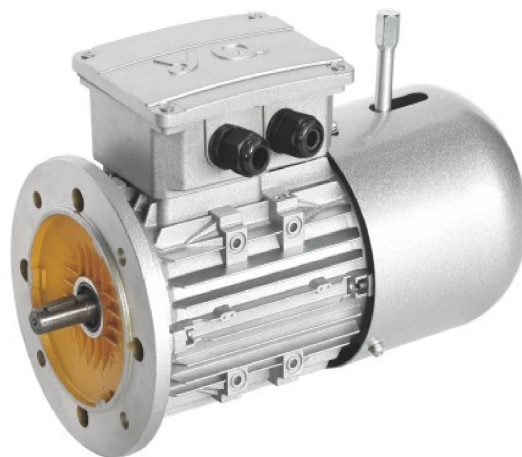
机座号 Frame size	凸缘号 Frage code	极数 number of electrodes	安装尺寸 Mouting dimension(mm)										凸缘号 孔数 number of poles on the flange	外型尺寸 Exterior dimension(mm)					
			D	E	F	G	M	N	P	R	S	T		AC	AD	HF	L		
180M	FF300	2、4、6、8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	500	760		
180L			55		16	49	350	300	400					420	305	550	800		
200L	FF350		60	140	18	53	400	350	450					470	335	610	905		
225S	FF400	2	55	110	16	49											910		
225M		4、6、8	60	140	18	53	500	450	550					8	510	370	650	1015	
250M	2	65	58																
	4、6、8	75	20			67.5							580		410	720	1110		
280S	FF500	2	65	18	58	600	550	660	0				24	6	8	645	530	845	1360
280M		4、6、8	75	20	67.5											1390			
		2	80	170	22											71	1470		
315S	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					
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: $\leq$ H100 DC99V
 $>$ H100 DC170V

Summary

Rate power: 0.25~55kW

Frame size: 71~280

Protection degree: IP54

Cooling method: IC411

Excitation voltage: $\leq$ 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.

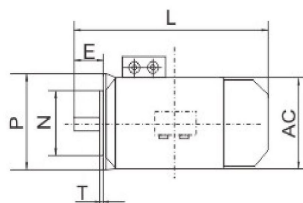
Y2EJ技术参数 Technical data

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

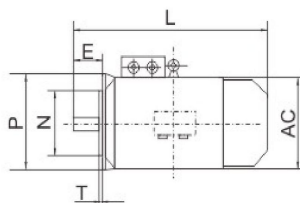
Y2EJ技术参数 Technical data

型号 Type	额定功率 Output power		满载时 Full loaded				空载 振动	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 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

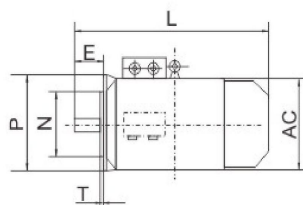
机座不带底脚，端盖上有凸缘(带通孔)-IMB5 Frame without feet and end-shield with flange(with plain holes)-IMB5



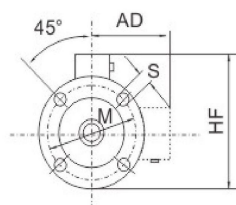
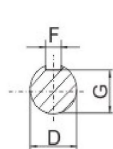
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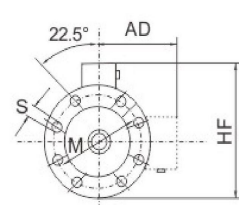
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机座号(160-200)
Frame size



机座号(71-200)
Frame size



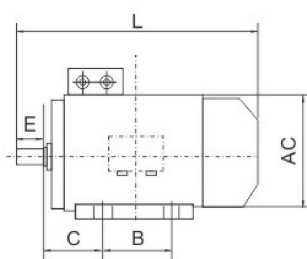
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安装及外型尺寸 Mounting and dimensions

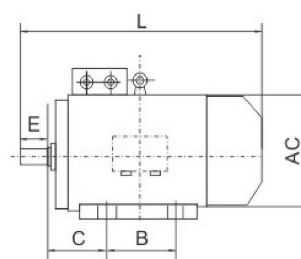
机座号 Frame size	安装尺寸 Mouting dimension(mm)										外型尺寸 Exterior dimension(mm)			
	D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
71M	14	30	5	11	130	110	160	0±1.5	10	3.5	145	120	200	306
80M	19	40	6	15.5	165	130	200	0±1.5	12	3.5	175	130	230	307
90S	24	50	8	20							195	140	240	394
90L					425									
100L	28	60		24	215	180	250	0±2.0	15	4.0	215	165	290	482
112M										4.0	240	175	300	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		14	42.5	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.

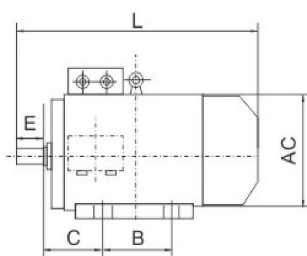
● 机座带底脚，端盖上无凸缘-IMB3 Frame with feet and end-shield without flange-IMB3



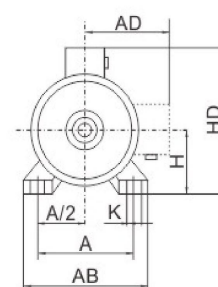
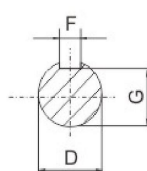
机座号(71-90)
Frame size



机座号(100-132)
Frame size



机座号(160-280)
Frame size

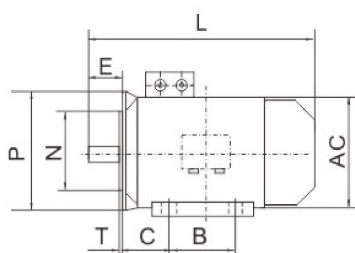


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Frame size

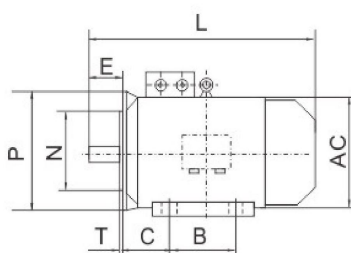
安装及外型尺寸 Mounting and dimensions

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
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
112M	190	95	140	70					112	230		240	178	290	500
132S	216	108	140	89	38	80	10	33	132	15	270	275	210	345	588
132M			178												638
160M	254	127	210	108	42	110		12	37	160	320	330	255	420	769
160L			254												838
180M	279	139.5	241	121	48		16	14	42.5	180	355	380	280	455	820
180L			279												870
200L	318	159	305	133	55	19		395	420	305	505	898			
225S	356	178	286	149	60	140		18	53	225	19	435	475	345	530
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

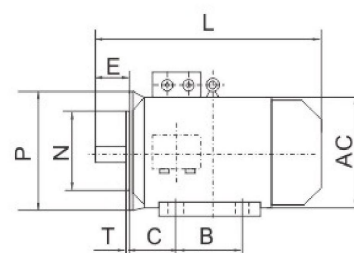
机座带底脚，端盖上有凸缘(带通孔)-IMB35 Frame with feet and end-shield with flange(with plain holes)-IMB35



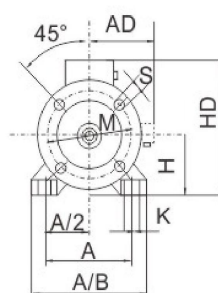
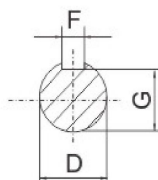
机座号(71-90)
Frame size



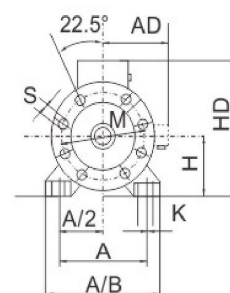
机座号(100-132)
Frame size



机座号(160-280)
Frame size



机座号(71-200)
Frame size



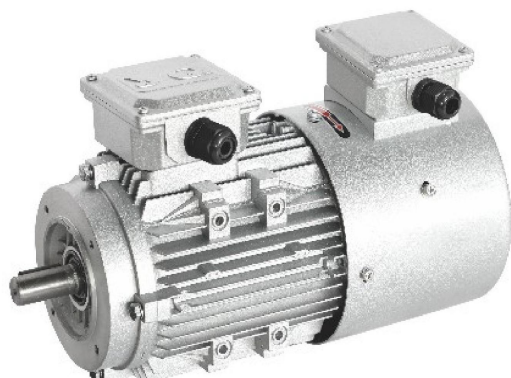
机座号(225-280)
Frame size

安装及外型尺寸 Mounting and dimensions

机座号 Frame size	安装尺寸 Mouting 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	165	130	200	0±1.5	12	3.5	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	215	180	250	0±2	15	4	205	215	165	265	482	
112M	190	95	140	70												4	230	240	178	290	500	
132S	216	108	140	89	38	80	10	33	132	12	265	230	300	0±2	15	4	270	275	210	345	588	
132M			178																		638	
160M	254	127	210	108	42	110	12	37	160	15	300	250	350	0±3	19	5	320	330	255	420	769	
160L			254																		838	
180M	279	139.5	241	121	48		110	14	42.5	180	15	350	300	400	0±3	19	5	355	380	280	455	820
180L			279																			870
200L	318	159	305	133	55	140		16	49	200	19	350	300	400	0±3	19	5	395	420	305	505	898
225S	356	178	286	149	60			18	53	225	19	400	350	450	0±4.0	19	5	430	475	345	530	1000
225M			311				1030															
250M	406	203	349	168	65		140	18	58	250	24	500	450	550	0±4.0	19	5	490	500	370	615	1060
280S	457	228.5	368	190	75	140	20	67.5	280	24	500	450	550	0±4.0	19	5	550	540	410	680	1134	
280M	457	228.5	419	190	75	140	20	67.5	280	24	500	450	550	0±4.0	19	5	550	540	410	680	1185	

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: $\leq 55\text{kW}$: Y; $> 55\text{kW}$: Δ

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: $\leq 55\text{kW}$: Y; $> 55\text{kW}$: Δ

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	78.5	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		
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	5-50	50-60
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

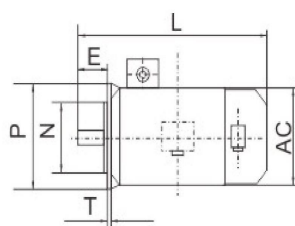
型号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff %	功率 因数 P.F	额定 转矩 N.m	噪声 dB(A)	恒转矩调频范围 Constant Torque Frequency Range Hz	恒功率调频范围 Constant Output Frequency Range Hz
同步转速 1500r/min									
YVF2-80M1-4	0.55	1.57	1390	71.0	0.75	3.78	73	5-50	50-100
YVF2-80M2-4	0.75	2.05	1390	73.0	0.76	5.15	73		
YVF2-90S-4	1.1	2.85	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

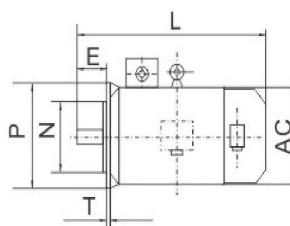
额定电压: 380V 频率: 50HZ Rated Voltage: 380V Frequency: 50HZ

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		

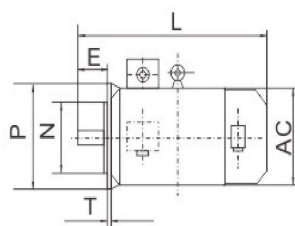
机座不带底脚，端盖上有凸缘(带通孔)-IMB5 Frame without feet end-shield with flange(with plain holes)-IMB5



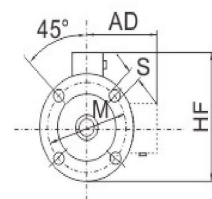
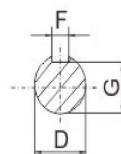
机座号(80-90)
Frame size



机座号(100-132)
Frame size



机座号(160-200)
Frame size



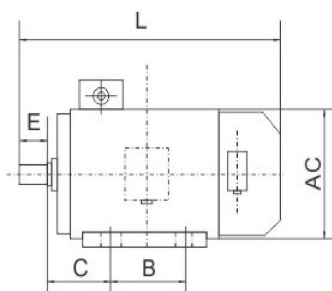
机座号(80-200)
Frame size

安装及外型尺寸 Mounting and dimensions

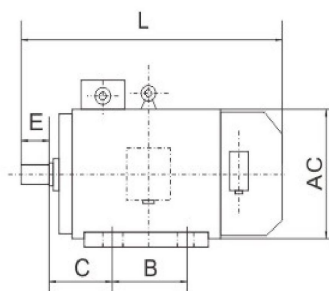
机座号 Frame size	凸缘号 Frangle code	安装尺寸 Mouting dimension(mm)										外型尺寸 Exterior dimension(mm)											
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L	L (VF2EJ)							
80M	FF165	19	40	6	15.5	165	130	200	0±1.5	12	3.5	175	130	230	370	423							
90S	FF165	24	50	8	20	165	130	200	0±1.5	12	3.5	195	140	240	380	450							
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										140		67.5							580	410	650
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.

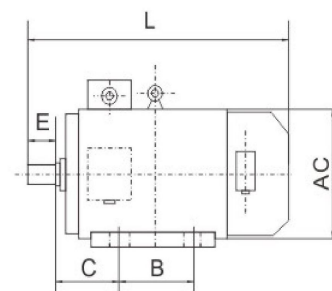
机座带底脚，端盖上无凸缘-IMB3
Frame with feet and end-shield without flange-IMB3



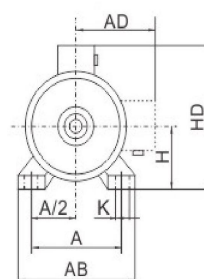
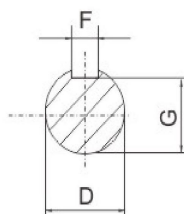
机座号(80-90)
Frame size



机座号(100-132)
Frame size



机座号(160-280)
Frame size

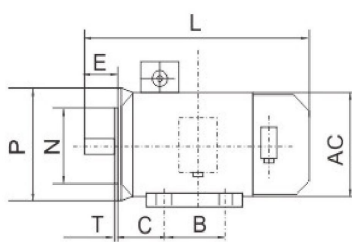


机座号(80-280)
Frame size

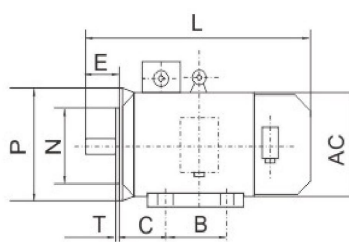
安装及外型尺寸 Mounting and dimensions

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							230	240	178	290	480	550	
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													715	810
180M	279	139.5	241	121	48		14	42.5	180	355		380	280	455	775	867	
180L			279												815	905	
200L	318	159	305	133	55	140	16	49	200	19	395	420	305	505	850	1005	
225S	356	178	286	149	60		18	53	225		435	470	335	560	885	1035	
225M			311												915	1060	
250M	406	203	349	168	65					58	250	24	490	510	370	615	980
280S	457	228.5	368	190	75	20	67.5	280	550	580	410		680	1085			
280M			419											1135			

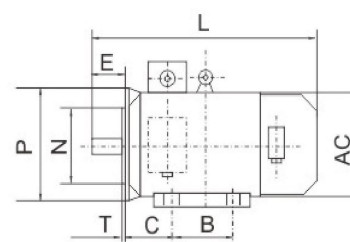
机座带底脚，端盖上有凸缘(带通孔)IMB35
Frame with feet and end-shield with flange (with plain holes)-IMB35



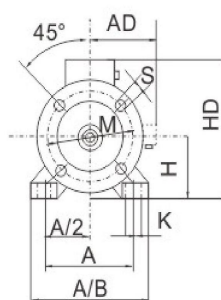
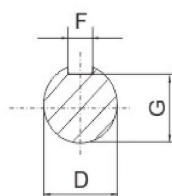
机座号(80-90)
Frame size



机座号(100-132)
Frame size



机座号(160-200)
Frame size



机座号(80-200)
Frame size

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)												
		A	A/2	B	C	D	E	F	G	H	K	M	N	S	T	P	AB	AC	AD	HD	L	L (WF2EJ)							
80M	FF165	125	62.5	100	50	19	40	6	15.5	80	10	165	130	12	3.5	200	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	FF215	160	80	140	63	28	60		24	100	12	215	180	15	4	250	205	215	165	265	465	520							
112M		190	95	140	70												112	230	240	178	290	480	550						
132S	FF265	216	108	140	89	38	80	10	33	132	12	265	230	15	4	300	270	275	210	345	530	620							
132M				178													570	652											
160M	FF300	254	127	210	108	42	110	12	37	160	15	300	250	19	5	350	320	330	255	420	660	765							
160L				254													715	810											
180M		279	139.5	241	121	48		14	42.5	180							355	380	280	455	775	867							
180L				279													815	905											
200L	FF350	318	159	305	133	55	140	16	49	200	19	350	300	19	5	400	395	420	305	505	850	1005							
225S	FF400	356	178	286	149	60		18	53	225							450	435	470	335	560	885	1035						
225M				311													915	1060											
250M	FF500	406	203	349	168	65		20	58	250							24	500	450	550	490	510	370	615	980				
280S		457	228.5	368	190	75	550									580					410	680	1085						
280M				419			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- ϕ 120 6- ϕ 350
2- ϕ 160 7- ϕ 400
3- ϕ 200 8- ϕ 450
4- ϕ 250 9- ϕ 550
5- ϕ 300

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

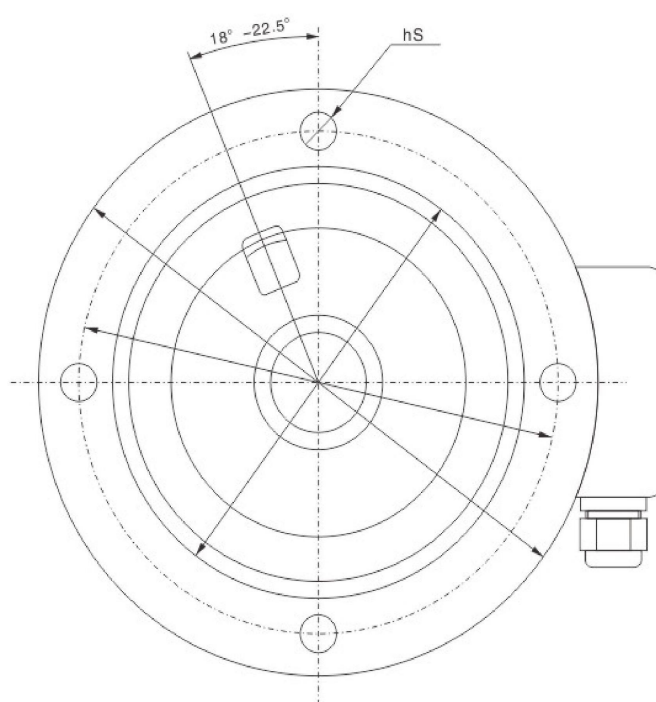
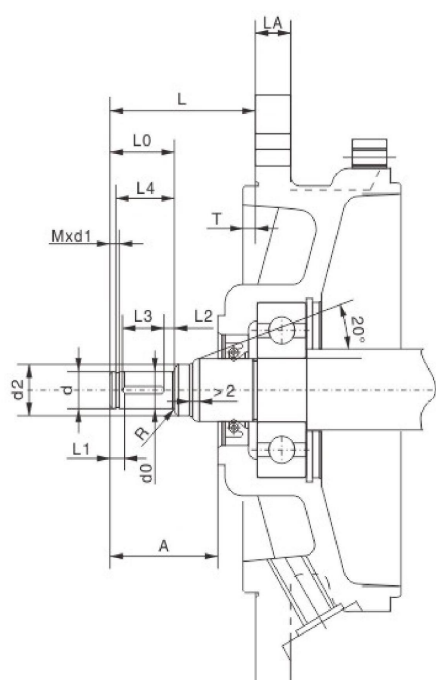
Flange Dimension Data Of Straight Connection Motor With Hard Tooth Surface

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				
80M	0.55 0.75	120	100	80	3	8	16.6	4	36	20.5	12	12	4.5
		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				
		300	265	230	4	16	14	4	62				
90S 90L	1.1 1.5	120	100	80	3	8	6.6	4	36	22.5	14	14	6.5
		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				
		300	265	230	4	16	14	4	62				
100L	2.2 3	120	100	80	3	8	6.6	4	36	26	16	16	6
		160	130	110	3.5	10	9	4	44				
		200	160	130	3.5	12	11	4	52				
		250	215	180	4	15	14	4	56				
		300	265	230	4	16	14	4	62				
		350	300	250	5	18	18	4	68				
112M	4	120	130	110	3.5	10	9	4	44	29	18	18	6
		200	160	130	3.5	12	11	4	53				
		250	215	180	4	15	14	4	58				
		300	265	230	4	16	14	4	63				
		350	300	250	5	18	18	4	69				
132S 132M	5.5 7.5	120	130	110	3.5	10	9	4	44	36	22	22	8.5
		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				
160M 160L	11 15	200	160	130	3.5	12	11	4	61	41	28	28	11
		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	400	350	300	5	20	18	8	84	41	28	28	11
	15	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	400	350	300	5	20	18	8	86	46	48	48	12
	75	450	400	350	5	22	18	8	94				
	90	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

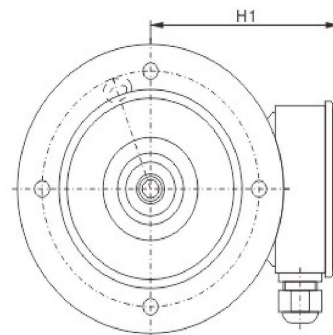
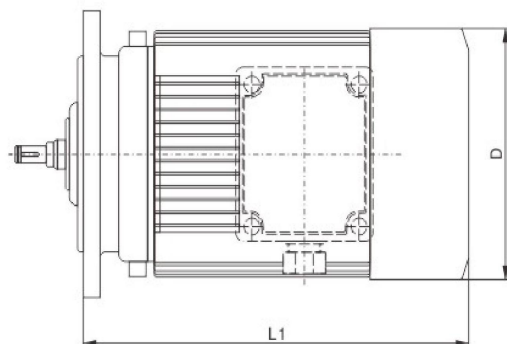
中心高 Center for high	法兰外径 Flange Diameter	L1	L2	L3	L4	D	H1	H2
63	120	221	266	279	328	123	/	98
	160	215.5	260.5	273.5	322.5			
	200	209.5	254.5	267.5	316.5			
71	120	239	297	297	344	140	114	104
	160	233.5	291.5	291.5	338.5			
	200	227.5	285.5	285.5	332.5			
80	120	270.5	317.5	314.5	377.5	150	119	124
	160	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			
	350	375.5	405.5	363.5	432.5			
112	160	368	431	396	476	216	169	162
	200	359	422	387	467			
	250	354	417	382	462			
	300	349	412	377	457			
	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			
	450	382	481	429	517			
160M	200	509	609	544	629	314	262	232
	250	504	604	539	624			
	300	499	599	534	619			
	350	493	593	528	613			
	400	486	586	521	606			
	450	478	578	513	598			
	550	470	570	505	590			

硬齿面直联电机外形尺寸图数据

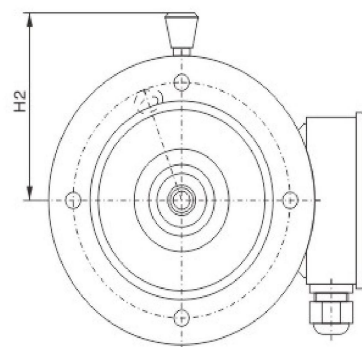
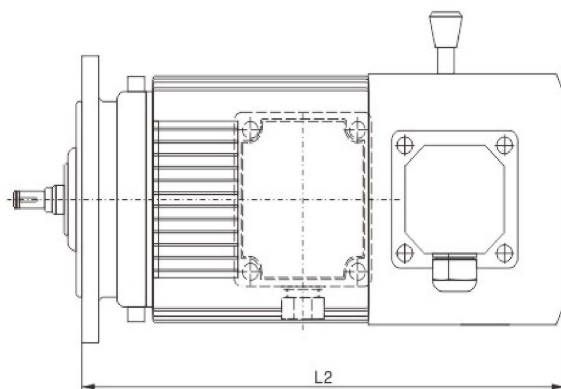
Drawing Data Of Hard Tooth Surface Of Direct-connected Motor

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			
	550	514	314	549	634			
180M/L	250	578	378	608	720	355	277	/
	300	573	673	603	715			
	350	567	667	597	709			
	400	560	660	590	702			
	450	552	652	582	694			
	550	544	644	574	686			
200L	300	698	851	761	914	397	313.5	/
	350	692	845	755	808			
	400	685	838	748	807			
	450	677	830	740	799			
	550	669	822	732	791			
225S	300	716	849	789	921	446	334	/
	350	710	843	783	915			
	400	703	836	776	908			
	450	695	828	768	900			
	550	687	820	760	892			
225M	300	741	874	814	946			
	350	735	868	808	940			
	400	728	861	801	933			
	450	720	853	793	925			
	550	712	845	785	917			
250M	350	806	970	850	1014	485	368	/
	400	799	963	843	1007			
	450	791	955	935	999			
	550	783	947	927	991			
280S	400	854	1014	899	1059	547	407	/
	450	846	1006	891	1051			
	550	838	998	883	1043			
280M	400	905	1065	950	1110			
	450	897	1057	942	1102			
	550	889	1049	936	1094			

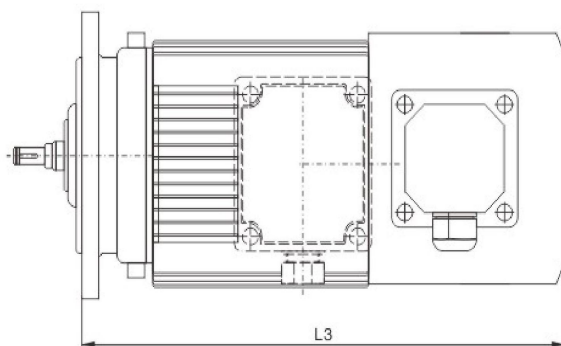
YE3系列 YE3 SERIES



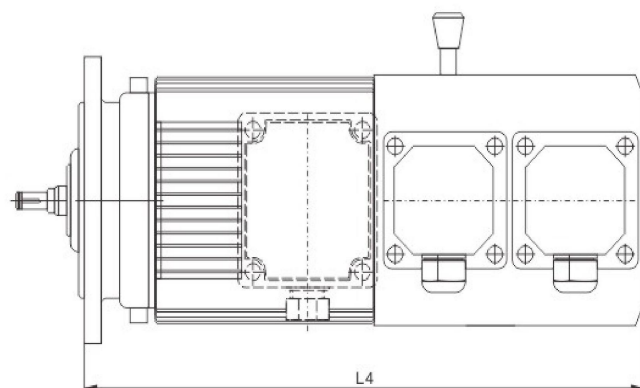
Y2EJ系列 Y2EJ SERIES



YVF2系列 YVF2 SERIES



YVF2EJ系列 YVF2EJ SERIES





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