

HONGMA
MOTOR

宁波总公司

宁波市奉化洪马电机科技有限公司
NINGBO FENGHUA HONGMA MOTOR CO., LTD.

奉化市电机厂
FENGHUA CITY ELECTRICAL MOTOR FACTORY

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洪马电机
HONGMAMOTOR
since 1988

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宁波市奉化洪马电机科技有限公司
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公司简介

COMPANY PROFILE

宁波市奉化洪马电机科技有限公司（原名奉化市电机厂）成立于1988年，坐落于美丽的滨海城市——浙江宁波。公司现有员工百余名，其中专业技术管理人员15人，占地面积15000平方米，年生产电机能力10万台。公司秉承“发展为本、诚信兴业、追求卓越、奉献社会”的发展理念，已成为一家集生产、研发和销售为一体的专业机电一体化企业。

公司先后通过ISO9001:2015质量管理体系认证和CE产品认证等，通过CCC认证和国家中小型电机能效标识注册备案，产品符合IEC标准及国家标准要求。公司拥有国家专利十余项，其中发明专利2项，取得国家高新技术企业荣誉称号。公司已取得国家电机产品出口质量许可证，具有独立的进出口权。研制生产的HM系列高效节能电机产品被浙江省经信委列入省节能产品推广导向目录。

公司产品广泛应用于风电、纺织机械、塑料机械、起重冶金机械等相关行业，产品出口欧洲、美洲、东南亚、中东及非洲等多个地区，依托优越的产品质量，赢得国内外客户的一致好评。

Ningbo Fenghua Hongma Motor Co., Ltd. (Fenghua City Electrical Motor Factory) was established in 1988 and is located in the beautiful coastal city - Ningbo, Zhejiang. The company has more than 100 employees, including 15 professional technical management personnel, covers an area of 15,000 square meters, and has an annual production capacity of 200,000 motors. Adhering to the development concept of "development-oriented, honesty, pursuit of excellence, and dedication to society", the company has become a professional electrical enterprise integrating production, research and development and sales.

The company has successively passed the ISO9001:2015 quality management system certification and CE product certification, etc., and passed the CCC certification and the registration of the national small and medium-sized motor energy efficiency label. The products meet the requirements of IEC standards and national standards. The company has more than ten national patents, including 2 invention patents, and has won the honorary title of national high-tech enterprise. The company has obtained the national motor product export quality license and has independent import and export rights. The HM series of high-efficiency and energy-saving motor products developed and produced have been listed in the provincial energy-saving product promotion guide catalog by Zhejiang Economic and Information Commission.

The company's products are widely used in wind power, textile machinery, plastic machinery, hoisting and metallurgical machinery and other related industries. The products are exported to Europe, America, Southeast Asia, the Middle East and Africa and other regions. Relying on superior product quality, our company have won unanimous praise from domestic and foreign customers.



轴承型号 / BEARING SIZE

机座号 Frame Size	极数 Poles	轴伸端 Drive End	非轴伸端 Non-Drive End
56	2P、4P	6201RZ-C3	6201RZ-C3
63	2P、4P	6201RZ-C3	6201RZ-C3
71	2-8P	6202RZ-C3	6202RZ-C3
80	2-8P	6204RZ-C3	6204RZ-C3
90	2-8P	6205RZ-C3	6205RZ-C3
100	2-8P	6206RZ-C3	6206RZ-C3
112	2-8P	6306RZ-C3	6306RZ-C3
132	2-8P	6308RZ-C3	6308RZ-C3
160	2-8P	6309RZ-C3	6309RZ-C3
180	2-8P	6311RZ-C3	6311RZ-C3
200	2-8P	6312-C3	6312-C3
225	2-8P	6313-C3	6313-C3
250	2-8P	6314-C3	6314-C3
280	2P	6314-C3	6314-C3
280	4-8P	6317-C3	6317-C3
315	2P	6317-C3	6317-C3
315	4-10P	6319-C3(NU319E)	6319-C3
355	2P	6319-C3	6319-C3
355	4-10P	6322-C3(NU322E)	6322-C3

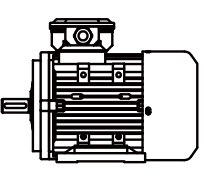
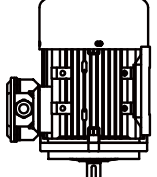
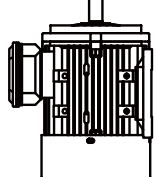
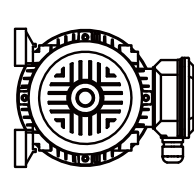
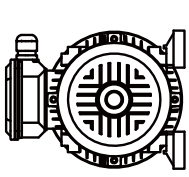
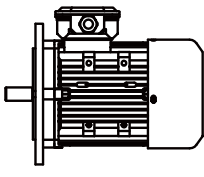
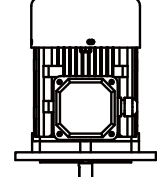
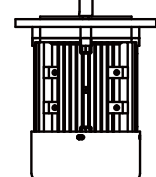
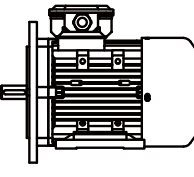
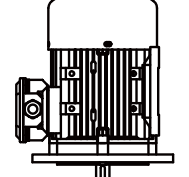
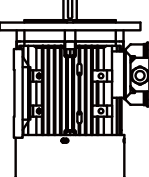
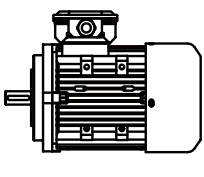
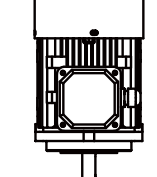
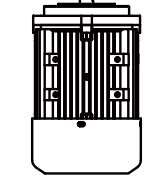
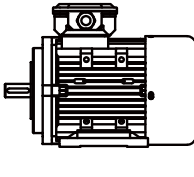
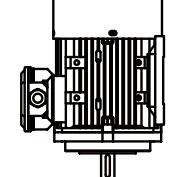
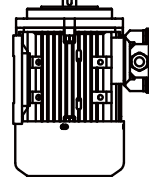
振动 / VIBRATION

电机在空载时测得的振动速度有效值（即振动烈度限值）不超过N级所列值，也可以根据需要定制R级。

The effective value of vibration speed at no-load (i.e. vibration limit value) should not exceed Class N specified in following table. Class R can be customized.

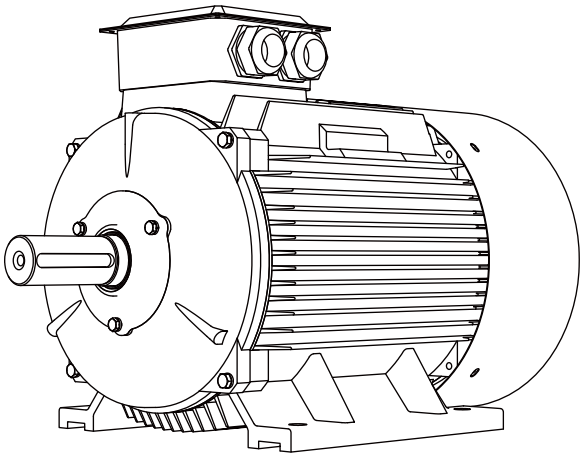
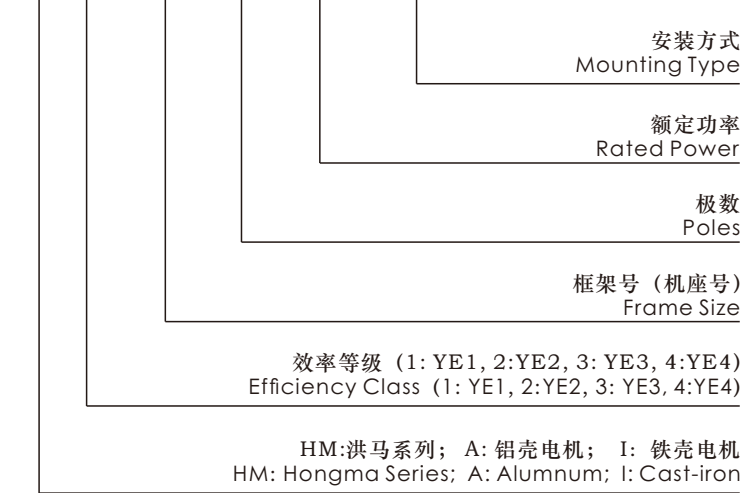
机座号 Frame Size	≤132		132-225		>225-355	
同步转速r/min Synchronous Speed	600~1800	1800~3600	600~1800	1800~3600	600~1800	1800~3600
振动等级 Vibration	振动速度有效值 mm/s Effective Value of Vibration Speed mm/s					
N	1.8		2.8		3.5	
R	0.71	1.12	1.12	1.80	1.80	2.80
S	0.45	0.71	0.71	1.12	1.12	1.80

安装方式 / TYPE OF INSTALLATION

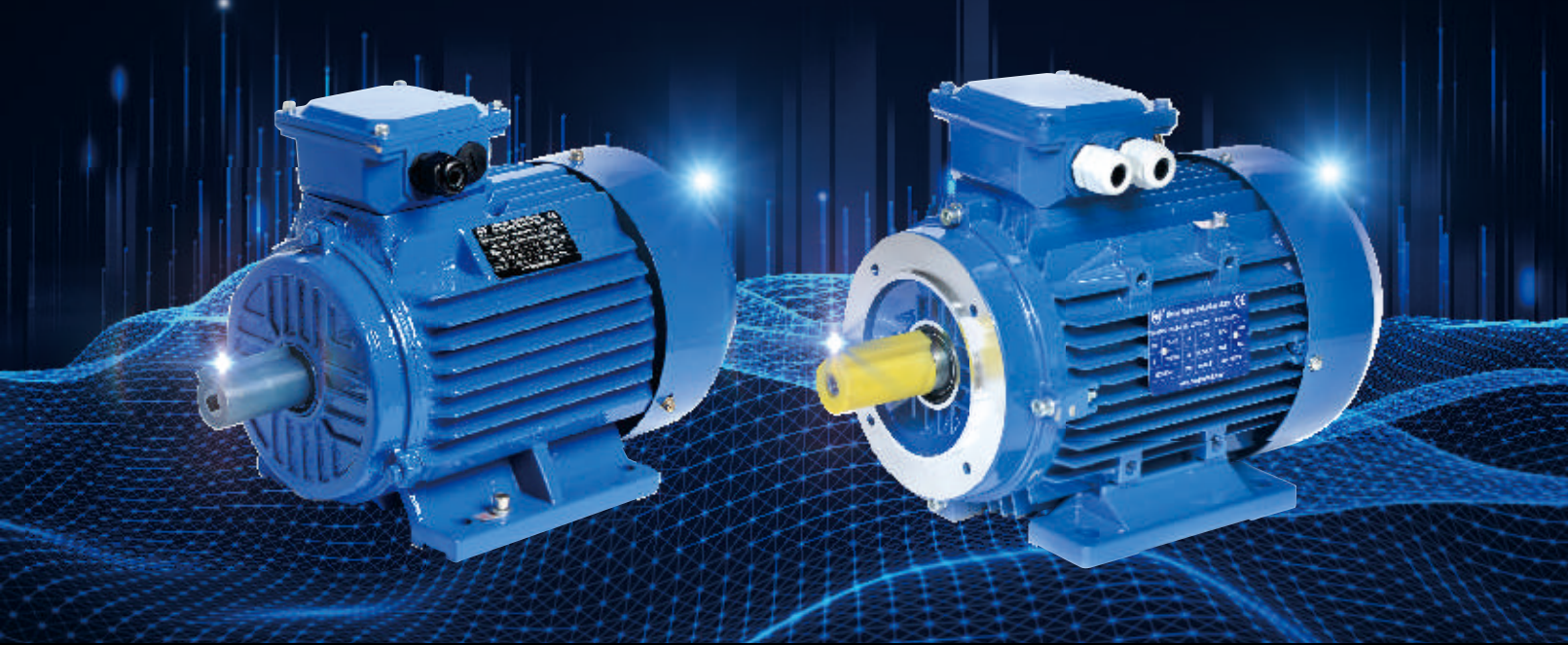
					
IM B3 IM 1001	IM V5 IM 1011	IM V6 IM 1031	IM B6 IM 1051	IM B7 IM 1061	IM B8 IM 1071
					
IM B5 IM 3001	IM V1 IM 3011	IM V3 IM 3031	IM B35 IM 2001	IM V15 IM 2011	IM V35 IM 2031
					
IM B14 IM 3601	IM V18 IM 3611	IM V19 IM 3631	IM B34 IM 2101	IM V17 IM 2111	IM V37 IM 2131

电机型号表示方法 / MOTOR TYPE EXPRESSION METHOD

HMA4 - 160M - 4 - 11kW - B35



HM系列三相异步电动机
 HM SERIES THREE PHASE
 ASYNCHRONOUS MOTOR



HM系列高效节能三相异步电动机是我公司根据IEC60034-30-1:2014及GB18613-2020标准的能效等级自主设计的产品，分为HMA铝壳系列和HMI铁壳系列，铝壳电机中心高H56~H160mm，底脚可活动安装；铁壳电机中心高H80~H355mm，可选择接线盒位于电机顶部、左边或右边。HM系列电机因其噪音低、振动小、运行可靠等特点，广泛应用于风电、纺织机械、水泵、真空泵、减速机等各类传动机械行业。

HM series high efficiency asynchronous motor is developed by ourselves according to the efficiency classification of IEC60034-30-1:2014 and GB18613-2020. HM series can be divided into HMA aluminum housing motor and HMI cast-iron housing motor. The frame size of aluminum motor is from 56mm to 160mm, feet removable installation. The frame size of cast-iron motor is from 80mm to 355mm. Terminal box can be chosen at top, left and right. Because of low noise, small vibration and reliable operation, HM series motors are widely used in wind power, textile machinery, pumps, reducer, and other machinery industry.

使用条件 / Operating Conditions

额定电压: 220/380V, 230/400V, 380/660V, 400/690V
 额定频率: 50Hz, 60Hz或者50/60Hz
 接法: 3kW及以下电机为Y接法
 4kW及以上电机为Δ接法
 工作方式: S1连续工作制
 绝缘等级: F级或者H级 (B级温升, ≤80K)
 防护等级: IP54或者IP55
 冷却方式: IC411自带风叶冷却
 环境温度: -15~40℃
 海拔: 不超过1000米

Rated Voltage: 220/380V, 230/400V, 380/660V, 400/690V
 Rated Frequency: 50Hz, 60Hz or 50/60Hz
 Connection: Star for 3kW and below
 Delta for 4kW and above
 Duty Type: S1 Continuous
 Insulation Class: F or H (Temperature Rise B, ≤80K)
 Protection Class: IP54 or IP55
 Cooling Method: IC411
 Ambient Temperature: -15~40℃
 Altitude: Up to 1000m Above Sea Level

电机能效限定值 / Standard Efficiency Level

Pn (kW)	2P / 3000r/min				4P / 1500r/min				6P / 1000r/min				8P / 750r/min			
	HM1	HM2	HM3	HM4	HM1	HM2	HM3	HM4	HM1	HM2	HM3	HM4	HM1	HM2	HM3	HM4
0.12	45.0	53.6	60.8	66.5	50.0	59.1	64.8	69.8	38.3	50.6	57.7	64.9	31.0	39.8	50.7	62.3
0.18	52.8	60.4	65.9	70.8	57.0	64.7	69.9	74.7	45.5	56.6	63.9	70.1	38.0	45.9	58.7	67.2
0.25	58.2	64.8	69.7	74.3	61.5	68.5	73.5	77.9	52.1	61.6	68.6	74.1	43.4	50.6	64.1	70.8
0.37	63.9	69.5	73.8	78.1	66.0	72.7	77.3	81.1	59.7	67.6	73.5	78.0	49.7	56.1	69.3	74.3
0.55	69.0	74.1	77.8	81.5	70.0	77.1	80.8	83.9	65.8	73.1	77.2	80.9	56.1	61.7	73.0	77.0
0.75	72.1	77.4	80.7	83.5	72.1	79.6	82.5	85.7	70.0	75.9	78.9	82.7	61.2	66.2	75.0	78.4
1.1	75.0	79.6	82.7	85.2	75.0	81.4	84.1	87.2	72.9	78.1	81.0	84.5	66.5	70.8	77.7	80.8
1.5	77.2	81.3	84.2	86.5	77.2	82.8	85.3	88.2	75.2	79.8	82.5	85.9	70.2	74.1	79.7	82.6
2.2	79.7	83.2	85.9	88.0	79.7	84.3	86.7	89.5	77.7	81.8	84.3	87.4	74.2	77.6	81.9	84.5
3	81.5	84.6	87.1	89.1	81.5	85.5	87.7	90.4	79.7	83.3	85.6	88.6	77.0	80.0	83.5	85.9
4	83.1	85.8	88.1	90.0	83.1	86.6	88.6	91.1	81.4	84.6	86.8	89.5	79.2	81.9	84.8	87.1
5.5	84.7	87.0	89.2	90.9	84.7	87.7	89.6	91.9	83.1	86.0	88.0	90.5	81.4	83.8	86.2	88.3
7.5	86.0	88.1	90.1	91.7	86.0	88.7	90.4	92.6	84.7	87.2	89.1	91.3	83.1	85.3	87.3	89.3
11	87.6	89.4	91.2	92.6	87.6	89.8	91.4	93.3	86.4	88.7	90.3	92.3	85.0	86.9	88.6	90.4
15	88.7	90.3	91.9	93.3	88.7	90.6	92.1	93.9	87.7	89.7	91.2	92.9	86.2	88.0	89.6	91.2
18.5	89.3	90.9	92.4	93.7	89.3	91.2	92.6	94.2	88.6	90.4	91.7	93.4	86.9	88.6	90.1	91.7
22	89.9	91.3	92.7	94.0	89.9	91.6	93.0	94.5	89.2	90.9	92.2	93.7	87.4	89.1	90.6	92.1
30	90.7	92.0	93.3	94.5	90.7	92.3	93.6	94.9	90.2	91.7	92.9	94.2	88.3	89.8	91.3	92.7
37	91.2	92.5	93.7	94.8	91.2	92.7	93.9	95.2	90.8	92.2	93.3	94.5	88.8	90.3	91.8	93.1
45	91.7	92.9	94.0	95.0	91.7	93.1	94.2	95.4	91.4	92.7	93.7	94.8	89.2	90.7	92.2	93.4
55	92.1	93.2	94.3	95.3	92.1	93.5	94.6	95.7	91.9	93.1	94.1	95.1	89.7	91.0	92.5	93.7
75	92.7	93.8	94.7	95.6	92.7	94.0	95.0	96.0	92.6	93.7	94.6	95.4	90.3	91.6	93.1	94.2
90	93.0	94.1	95.0	95.8	93.0	94.2	95.2	96.1	92.9	94.0	94.9	95.6	90.7	91.9	93.4	94.4
110	93.3	94.3	95.2	96.0	93.3	94.5	95.4	96.3	93.3	94.3	95.1	95.8	91.1	92.3	93.7	94.7
132	93.5	94.6	95.4	96.2	93.5	94.7	95.6	96.4	93.5	94.6	95.4	96.0	91.5	92.6	94.0	94.9
160	93.8	94.8	95.6	96.3	93.8	94.9	95.8	96.6	93.8	94.8	95.6	96.2	91.9	93.0	94.3	95.1
200	94.0	95.0	95.8	96.5	94.0	95.1	96.0	96.7	94.0	95.0	95.8	96.3	92.5	93.5	94.6	95.4
250	94.0	95.0	95.8	96.5	94.0	95.1	96.0	96.7	94.0	95.0	95.8	96.5	92.5	93.5	94.6	95.4
315	94.0	95.0	95.8	96.5	94.0	95.1	96.0	96.7	94.0	95.0	95.8	96.6	92.5	93.5	94.6	95.4

技术参数 / Technical Data

HM1/IE1 2 Pole 3000RPM 50Hz

型号 Type	额定 功率 Rated Output		额定 转速 Rated Speed rpm	效率η Efficiency (%)	效率 75% Efficiency at 75% load	效率 50% Efficiency at 50% load	功率 因数 Power factor cosφ	额定电流 Rated current (A)			额定 转矩 Rated Torque (N.m)	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	铝壳 重量 ALU Weight (kg)	铁壳 重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM1-56M1-2	0.09	0.12	2700	45.0	45.0	44.1	0.70	0.43	0.41	0.40	0.32	2.1	2.2	5.2	3.6	
HM1-56M2-2	0.12	0.18	2700	45.0	45.0	44.1	0.72	0.56	0.53	0.52	0.42	2.1	2.2	5.2	4	
HM1-63M1-2	0.18	0.25	2720	52.8	52.8	51.7	0.80	0.65	0.62	0.59	0.63	2.3	2.2	5.5	4.8	
HM1-63M2-2	0.25	0.37	2720	58.2	58.2	57.0	0.81	0.81	0.77	0.74	0.88	2.3	2.2	5.5	5.3	
HM1-71M1-2	0.37	0.5	2740	63.9	63.9	62.6	0.81	1.09	1.03	0.99	1.29	2.3	2.2	6.1	6	
HM1-71M2-2	0.55	0.75	2740	69.0	69.0	67.6	0.82	1.48	1.40	1.35	1.92	2.3	2.3	6.1	6.6	
HM1-80M1-2	0.75	1	2840	72.1	72.1	70.7	0.83	1.90	1.81	1.74	2.52	2.2	2.3	6.1	8.7	14.5
HM1-80M2-2	1.1	1.5	2840	75.0	75.0	73.5	0.84	2.65	2.52	2.43	3.70	2.2	2.3	6.9	9.5	16
HM1-90S-2	1.5	2	2840	77.2	77.2	75.7	0.84	3.51	3.34	3.22	5.04	2.2	2.3	7	11.5	19
HM1-90L-2	2.2	3	2840	79.7	79.7	78.1	0.85	4.93	4.69	4.52	7.4	2.2	2.3	7	14	23
HM1-100L-2	3	4	2860	81.5	81.5	79.9	0.87	6.43	6.11	5.89	10.02	2.2	2.3	7.5	20	30
HM1-112M-2	4	5.5	2880	83.1	83.1	81.4	0.88	8.31	7.90	7.61	13.3	2.2	2.3	7.5	27	36
HM1-132S1-2	5.5	7.5	2900	84.7	84.7	83.0	0.88	11.5	10.9	10.5	18.1	2.2	2.3	7.5	37.5	56
HM1-132S2-2	7.5	10	2900	86.0	86.0	84.3	0.88	15.1	14.3	13.8	24.7	2.2	2.3	7.5	42.5	60
HM1-160M1-2	11	15	2930	87.6	87.6	85.8	0.89	21.4	20.4	19.6	35.9	2.2	2.3	7.5	74	103
HM1-160M2-2	15	20	2930	88.7	88.7	86.9	0.89	28.9	24.4	26.4	48.9	2.2	2.3	7.5	82	114
HM1-160L-2	18.5	25	2930	89.3	89.3	87.5	0.90	35.0	33.2	32.0	60.3	2.2	2.3	7.5	96	130
HM1-180M-2	22	30	2940	89.9	89.9	88.1	0.90	41.3	39.2	37.8	71.5	2.0	2.3	7.5		160
HM1-200L1-2	30	40	2950	90.7	90.7	88.9	0.90	55.9	53.0	51.1	97.1	2.0	2.3	7.5		210
HM1-200L2-2	37	50	2950	91.2	91.2	89.4	0.90	68.5	65.1	62.7	119.8	2.0	2.3	7.5		230
HM1-225M-2	45	60	2960	91.7	91.7	89.9	0.90	82.8	78.7	75.9	145.2	2.0	2.3	7.5		290
HM1-250M-2	55	75	2965	92.1	92.1	90.3	0.90	101	95.8	92.3	177.2	2.0	2.3	7.5		372
HM1-280S-2	75	100	2970	92.7	92.7	90.8	0.90	137	130	125	241.2	2	2.3	7		295
HM1-280M-2	90	125	2970	93.0	93.0	91.1	0.91	162	153	148	289.4	2	2.3	7.1		560
HM1-315S-2	110	150	2975	93.3	93.3	91.4	0.91	197	187	180	353.1	1.8	2.2	7.1		855
HM1-315M-2	132	180	2975	93.5	93.5	91.6	0.91	236	224	216	423.7	1.8	2.2	7.1		950
HM1-315L1-2	160	200	2975	93.8	93.8	91.9	0.92	282	268	258	513.7	1.8	2.2	7.1		1000
HM1-315L2-2	200	270	2975	94.0	94.0	92.1	0.92	351	334	322	642	1.8	2.2	7.1		1060
HM1-355M-2	250	340	2980	94.0	94.0	92.1	0.92	439	417	402	801.2	1.6	2.2	7.1		1675
HM1-355L-2	315	430	2980	94.0	94.0	92.1	0.92	553	526	507	1009.5	1.6	2.2	7.2		1790

技术参数 / Technical Data

HM1/IE1 4 Pole 1500RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM1-56M1-4	0.06	0.09	1325	44.5	44.5	44.0	0.58	0.35	0.34	0.32	0.43	2	2.1	3.9	3.6	
HM1-56M2-4	0.09	0.12	1325	50.0	50.0	48.0	0.61	0.45	0.43	0.41	0.65	2	2.1	3.9	3.9	
HM1-63M1-4	0.12	0.18	1310	50.0	50.0	49.0	0.72	0.51	0.48	0.46	0.87	2.1	2.2	4.4	4.8	
HM1-63M2-4	0.18	0.25	1310	57.0	57.0	55.9	0.73	0.66	0.62	0.60	1.31	2.1	2.2	4.4	5	
HM1-71M1-4	0.25	0.37	1330	61.5	61.5	60.3	0.74	0.83	0.79	0.76	1.8	2.1	2.2	5.2	5.8	
HM1-71M2-4	0.37	0.5	1330	66.0	66.0	64.7	0.75	1.14	1.08	1.04	2.66	2.1	2.2	5.2	6.3	
HM1-80M1-4	0.55	0.75	1390	70.0	70.0	68.6	0.75	1.59	1.51	1.46	3.78	2.3	2.3	5.2	9	13.5
HM1-80M2-4	0.75	1	1390	72.1	72.1	70.7	0.76	2.08	1.98	1.90	5.15	2.3	2.3	6	10	14.5
HM1-90S-4	1.1	1.5	1390	75.0	75.0	73.5	0.77	2.89	2.75	2.65	7.56	2.3	2.3	6	12	19
HM1-90L-4	1.5	2	1390	77.2	77.2	75.7	0.77	3.83	3.64	3.51	10.3	2.3	2.3	6.0	14	23
HM1-100L1-4	2.2	3	1390	79.7	79.7	78.1	0.81	5.18	4.92	4.74	15.1	2.3	2.3	7	21	30
HM1-100L2-4	3	4	1410	81.5	81.5	79.9	0.82	6.82	6.48	6.25	20.3	2.3	2.3	7	23.5	33
HM1-112M-4	4	5.5	1410	83.1	83.1	81.4	0.82	8.92	8.47	8.17	27.1	2.3	2.3	7	29.5	43
HM1-132S-4	5.5	7.5	1435	84.7	84.7	83.0	0.83	11.9	11.3	10.9	36.6	2.3	2.3	7	41	60
HM1-132M-4	7.5	10	1440	86.0	86.0	84.3	0.84	15.8	15.0	14.4	49.7	2.3	2.3	7	48	69
HM1-160M-4	11	15	1440	87.6	87.6	85.8	0.84	22.7	21.6	20.8	73	2.2	2.3	7	82	107
HM1-160L-4	15	20	1460	88.7	88.7	86.9	0.85	30.2	28.7	27.7	98.1	2.2	2.3	7.5	93	130
HM1-180M-4	18.5	25	1460	89.3	89.3	87.5	0.86	36.6	34.8	33.2	121	2.2	2.3	7.5		162
HM1-180L-4	22	30	1470	89.9	89.9	88.1	0.86	43.2	41.1	39.6	142.9	2.2	2.3	7.5		175
HM1-200L-4	30	40	1470	90.7	90.7	88.9	0.86	58.4	55.5	53.5	194.9	2.2	2.3	7.2		227
HM1-225S-4	37	50	1470	91.2	91.2	89.4	0.87	70.9	67.3	64.9	240.4	2.2	2.3	7.2		282
HM1-225M-4	45	60	1475	91.7	91.7	89.9	0.87	85.7	81.4	78.5	291.4	2.2	2.3	7.2		315
HM1-250M-4	55	75	1475	92.1	92.1	90.3	0.87	104	99.1	95.5	356.1	2.2	2.3	7.2		390
HM1-280S-4	75	100	1480	92.7	92.7	90.8	0.87	141	134	129	484	2.2	2.3	6.8		525
HM1-280M-4	90	125	1480	93.0	93.0	91.1	0.87	169	161	155	580.7	2.2	2.3	6.8		590
HM1-315S-4	110	150	1480	93.3	93.3	91.4	0.88	204	193	186	709.8	2.1	2.2	6.9		900
HM1-315M-4	132	180	1480	93.5	93.5	91.6	0.88	244	232	223	851.8	2.1	2.2	6.9		980
HM1-315L1-4	160	200	1480	93.8	93.8	91.9	0.89	291	277	263	1032	2.1	2.2	6.9		1050
HM1-315L2-4	200	270	1480	94.0	94.0	92.1	0.89	363	345	333	1290.5	2.1	2.2	6.9		1115
HM1-355M-4	250	340	1490	94.0	94.0	92.1	0.90	449	427	411	1602.3	2.1	2.2	6.9		1650
HM1-355L-4	315	430	1490	94.0	94.0	92.1	0.90	566	537	518	2019	2.1	2.2	6.9		1820

技术参数 / Technical Data

HM1/IE1 6 Pole 1000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM1-71M1-6	0.18	0.25	850	45.5	45.5	44.6	0.66	0.73	0.87	0.83	2.02	1.9	2.0	4.0	6	
HM1-71M2-6	0.25	0.37	850	52.1	52.1	51.1	0.68	1.07	1.02	0.98	2.81	1.9	2.0	4.0	6.5	
HM1-80M1-6	0.37	0.5	885	59.7	59.7	58.5	0.70	1.35	1.28	1.23	3.99	1.9	2.0	4.7	9	13
HM1-80M2-6	0.55	0.75	885	65.8	65.8	64.5	0.72	1.76	1.68	1.62	5.94	1.9	2.1	4.7	10.5	14.5
HM1-90S-6	0.75	1	910	70.0	70.0	68.6	0.72	2.26	2.15	2.07	7.87	2.0	2.1	5.3	12.5	21
HM1-90L-6	1.1	1.5	910	72.9	72.9	71.4	0.72	3.18	3.02	2.92	11.5	2.0	2.1	5.5	15	24
HM1-100L-6	1.5	2	920	75.2	75.2	73.7	0.75	4.04	3.84	3.70	15.6	2.0	2.1	5.5	23	29
HM1-112M-6	2.2	3	935	77.7	77.7	76.1	0.76	5.66	5.38	5.18	22.5	2.0	2.1	6.5	28	37
HM1-132S-6	3	4	960	79.7	79.7	78.1	0.76	7.52	7.15	6.89	29.8	2.1	2.1	6.5	39	52
HM1-132M1-6	4	5.5	960	81.4	81.4	79.8	0.76	9.82	9.33	9.00	39.8	2.1	2.1	6.5	43	63
HM1-132M2-6	5.5	7.5	960	83.1	83.1	81.4	0.77	13.1	12.1	12.0	54.7	2.1	2.1	6.5	48	70
HM1-160M-6	7.5	10	970	84.7	84.7	83.0	0.78	17.2	16.4	15.8	73.8	2.0	2.1	6.5	76	96
HM1-160L-6	11	15	970	86.4	86.4	84.7	0.78	24.8	23.6	22.7	108.3	2.0	2.1	6.5	100	122
HM1-180L-6	15	20	970	87.7	87.7	85.9	0.81	32.1	30.5	29.4	147.7	2.0	2.1	7		168
HM1-200L1-6	18.5	25	980	88.6	88.6	86.8	0.81	39.2	37.2	35.9	180.3	2.1	2.1	7		200
HM1-200L2-6	22	30	980	89.2	89.2	87.4	0.83	45.1	42.9	41.3	214.4	2.0	2.1	7		215
HM1-225M-6	30	40	980	90.2	90.2	88.4	0.84	60.2	57.1	55.1	292.3	2.0	2.1	7		288
HM1-250M-6	37	50	980	90.8	90.8	89.0	0.86	72.0	68.4	65.9	360.6	2.1	2.1	7		365
HM1-280S-6	45	60	980	91.4	91.4	89.6	0.86	87.0	82.6	79.6	438.5	2.1	2.0	7		482
HM1-280M-6	55	75	980	91.9	91.9	90.1	0.86	106	100	96.8	536	2.1	2.0	7.0		540
HM1-315S-6	75	100	985	92.6	92.6	90.7	0.86	143	136	131	727.2	2.0	2.0	6.7		860
HM1-315M-6	90	125	985	92.9	92.9	91.0	0.86	171	163	157	872.6	2.0	2.0	6.7		960
HM1-315L1-6	110	150	985	93.3	93.3	91.4	0.86	208	198	191	1066.5	2.0	2.0	6.7		1050
HM1-315L2-6	132	180	985	93.5	93.5	91.6	0.87	247	234	226	1279	2.0	2.0	6.7		1100
HM1-355M1-6	160	200	985	93.8	93.8	91.9	0.88	295	280	270	1551	1.9	2.0	6.7		1660
HM1-355M2-6	200	270	985	94.0	94.0	92.1	0.88	367	349	336	1939	1.9	2.0	6.7		1750
HM1-355L-6	250	340	985	94.0	94.0	92.1	0.88	459	436	420	2423	1.9	2.0	6.7		1910

技术参数 / Technical Data

HM1/IE1 8 Pole 750RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM1-71M2-8	0.12	0.18	600	31.0	31.0	30.4	0.57	1.03	0.98	0.94	1.91	1.8	1.9	2.8	7	
HM1-80M1-8	0.18	0.25	645	38.0	38.0	37.2	0.61	1.18	1.12	1.08	2.67	1.8	1.9	3.3	9.5	13.5
HM1-80M2-8	0.25	0.37	645	43.4	43.4	42.5	0.61	1.43	1.36	1.31	3.70	1.8	1.9	3.3	11	15
HM1-90S-8	0.37	0.5	670	49.7	49.7	48.7	0.61	1.85	1.76	1.70	5.27	1.8	1.9	4.0	13	21.5
HM1-90L-8	0.55	0.75	670	56.1	56.1	55.0	0.61	2.44	2.32	2.24	7.84	1.8	2.0	4.0	16	24.5
HM1-100L1-8	0.75	1	680	61.2	61.2	60.0	0.67	2.78	2.64	2.54	10.5	1.8	2.0	4.0	23	30
HM1-100L2-8	1.1	1.5	680	66.5	66.5	65.2	0.69	3.64	3.46	3.34	15.4	1.8	2.0	5.0	25	32
HM1-112M-8	1.5	2	690	70.2	70.2	68.8	0.70	4.64	4.41	4.25	20.8	1.8	2.0	5.0	29	40
HM1-132S-8	2.2	3	705	74.2	74.2	72.7	0.71	6.34	6.03	5.81	29.8	1.8	2.0	6.0	38	52
HM1-132M-8	3	4	705	77.0	77.0	75.5	0.73	8.11	7.70	7.43	40.6	1.8	2.0	6.0	46	61
HM1-160M1-8	4	5.5	720	79.2	79.2	77.6	0.73	10.5	9.99	9.63	53.1	1.9	2.0	6.0	75	90
HM1-160M2-8	5.5	7.5	720	81.4	81.4	79.8	0.74	13.9	13.2	12.7	73.0	1.9	2.0	6.0	86	100
HM1-160L-8	7.5	10	720	83.1	83.1	81.4	0.75	18.3	17.4	16.7	99.5	1.9	2.0	6.0	105	124
HM1-180L-8	11	15	730	85.0	85.0	83.3	0.76	25.9	24.6	23.7	143.9	2.0	2.0	6.5		160
HM1-200L-8	15	20	730	86.2	86.2	84.5	0.76	34.8	33.0	31.9	196.2	2.0	2.0	6.6		210
HM1-225S-8	18.5	25	730	86.9	86.9	85.2	0.76	42.6	40.4	39.0	242	1.9	2.0	6.6		255
HM1-225M-8	22	30	730	87.4	87.4	85.7	0.78	49.0	46.6	44.9	287.8	1.9	2.0	6.6		285
HM1-250M-8	30	40	735	88.3	88.3	86.5	0.79	65.3	62.1	59.8	389.8	1.9	2.0	6.6		368
HM1-280S-8	37	50	735	88.8	88.8	87.0	0.79	80.1	76.1	73.4	480.7	1.9	2.0	6.6		480
HM1-280M-8	45	60	735	89.2	89.2	87.4	0.79	97.0	92.2	88.8	584.7	1.9	2.0	6.6		536
HM1-315S-8	55	75	735	89.7	89.7	87.9	0.81	115	109	105	714.6	1.8	2.0	6.6		820
HM1-315M-8	75	100	735	90.3	90.3	88.5	0.81	156	148	143	974.5	1.8	2.0	6.2		970
HM1-315L1-8	90	125	735	90.7	90.7	88.9	0.82	184	175	168	1169	1.8	2.0	6.4		1050
HM1-315L2-8	110	150	735	91.1	91.1	89.3	0.82	224	213	205	1429	1.8	2.0	6.4		1130
HM1-355M1-8	132	180	740	91.5	91.5	89.7	0.82	267	254	245	1704	1.8	2.0	6.4		1730
HM1-355M2-8	160	220	740	91.9	91.9	90.1	0.82	323	306	295	2065	1.8	2.0	6.4		1800
HM1-355L-8	200	270	740	92.5	92.5	90.7	0.83	396	376	362	2581	1.8	2.0	6.4		1950

技术参数 / Technical Data

HM2/IE2 2 Pole 3000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM2-63M1-2	0.18	0.25	2725	60.4	60.4	59.2	0.80	0.57	0.54	0.52	0.63	2.2	2.2	5.5	5	
HM2-63M2-2	0.25	0.37	2725	64.8	64.8	63.5	0.81	0.72	0.69	0.66	0.88	2.2	2.2	5.5	5.5	
HM2-71M1-2	0.37	0.5	2745	69.5	69.5	68.1	0.81	1.00	0.95	0.91	1.29	2.2	2.2	6.1	6.2	
HM2-71M2-2	0.55	0.75	2745	74.1	74.1	72.6	0.82	1.38	1.31	1.26	1.91	2.3	2.3	6.1	7	
HM2-80M1-2	0.75	1	2875	77.4	77.4	75.9	0.83	1.77	1.69	1.62	2.49	2.3	2.3	6.8	9	15
HM2-80M2-2	1.1	1.5	2875	79.6	79.6	78.0	0.84	2.50	2.37	2.29	3.65	2.3	2.3	7.1	10	16.5
HM2-90S-2	1.5	2	2890	81.3	81.3	79.7	0.84	3.34	3.17	3.06	4.96	2.3	2.3	7.3	12	20
HM2-90L-2	2.2	3	2890	83.2	83.2	81.5	0.85	4.73	4.49	4.33	7.27	2.3	2.3	7.6	14.5	24
HM2-100L-2	3	4	2890	84.6	84.6	82.9	0.87	6.19	5.88	5.67	9.91	2.2	2.3	7.8	21	31
HM2-112M-2	4	5.5	2910	85.8	85.8	84.1	0.88	8.05	7.65	7.37	13.1	2.2	2.3	8.1	28	38
HM2-132S1-2	5.5	7.5	2935	87.0	87.0	85.3	0.88	11.2	10.6	10.2	17.9	2.2	2.3	8.2	39	58
HM2-132S2-2	7.5	10	2935	88.1	88.1	86.3	0.88	14.7	14.0	13.5	24.4	2.2	2.3	7.8	44	62
HM2-160M1-2	11	15	2930	89.4	89.4	87.6	0.89	21.0	20.0	19.2	35.9	2.2	2.3	7.9	76.5	106
HM2-160M2-2	15	20	2930	90.3	90.3	88.5	0.89	28.4	26.9	26.0	48.9	2.2	2.3	7.9	85	118
HM2-160L-2	18.5	25	2935	90.9	90.9	89.1	0.89	34.7	33.0	31.8	60.2	2.2	2.3	8	100	136
HM2-180M-2	22	30	2940	91.3	91.3	89.5	0.89	41.6	39.5	38.1	71.5	2.2	2.3	8.1		165
HM2-200L1-2	30	40	2950	92.0	92.0	90.2	0.89	56.3	53.5	51.6	97.1	2.0	2.3	7.5		215
HM2-200L2-2	37	50	2950	92.5	92.5	90.7	0.89	68.3	64.9	62.5	119.8	2.0	2.3	7.5		235
HM2-225M-2	45	60	2960	92.9	92.9	91.0	0.89	82.7	78.6	75.7	145.2	2.2	2.3	7.5		295
HM2-250M-2	55	75	2965	93.2	93.2	91.3	0.90	99.6	94.6	91.2	177.2	2.2	2.3	7.6		378
HM2-280S-2	75	100	2970	93.8	93.8	91.9	0.90	135	128	124	241.2	1.8	2.3	6.9		500
HM2-280M-2	90	125	2970	94.1	94.1	92.2	0.91	160	152	146	289.4	1.8	2.3	6.9		565
HM2-315S-2	110	150	2975	94.3	94.3	92.4	0.91	195	185	179	353.1	1.8	2.2	7		865
HM2-315M-2	132	180	2975	94.6	94.6	92.7	0.91	233	221	213	423.7	1.8	2.2	7		960
HM2-315L1-2	160	200	2975	94.8	94.8	92.9	0.92	279	265	255	513.7	1.8	2.2	7.1		1020
HM2-315L2-2	200	270	2975	95.0	95.0	93.1	0.92	348	330	318	642	1.8	2.2	7.1		1080
HM2-355M-2	250	340	2980	95.0	95.0	93.1	0.92	435	413	398	801.2	1.6	2.2	7.1		1700
HM2-355L-2	315	430	2980	95.0	95.0	93.1	0.92	548	520	501	1009.5	1.6	2.2	7.2		1820

技术参数 / Technical Data

HM2/IE2 4 Pole 1500RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM2-63M1-4	0.12	0.18	1315	59.1	59.1	57.9	0.72	0.43	0.41	0.39	0.87	2.1	2.2	4.4	5	
HM2-63M2-4	0.18	0.25	1315	64.7	64.7	63.4	0.73	0.58	0.55	0.53	1.31	2.1	2.2	4.4	5.2	
HM2-71M1-4	0.25	0.37	1335	68.5	68.5	67.1	0.74	0.75	0.71	0.69	1.79	2.1	2.2	5.2	6	
HM2-71M2-4	0.37	0.5	1335	72.7	72.7	71.2	0.75	1.03	0.98	0.94	2.65	2.1	2.2	5.2	6.5	
HM2-80M1-4	0.55	0.75	1400	77.1	77.1	75.6	0.75	1.45	1.37	1.32	3.75	2.3	2.3	5.2	9.5	14
HM2-80M2-4	0.75	1	1400	79.6	79.6	78.0	0.76	1.88	1.79	1.72	5.12	2.3	2.3	6	10.5	16
HM2-90S-4	1.1	1.5	1440	81.4	81.4	79.8	0.77	2.67	2.53	2.44	7.3	2.3	2.3	6.8	14	21
HM2-90L-4	1.5	2	1440	82.8	82.8	81.1	0.77	3.57	3.40	3.27	9.91	2.3	2.3	6.8	16	25
HM2-100L1-4	2.2	3	1440	84.3	84.3	82.6	0.81	4.90	4.65	4.48	14.6	2.3	2.3	7	23	32
HM2-100L2-4	3	4	1440	85.5	85.5	83.8	0.82	6.50	6.18	5.95	19.9	2.3	2.3	7	25	36
HM2-112M-4	4	5.5	1445	86.6	86.6	84.9	0.82	8.56	8.13	7.84	26.5	2.2	2.3	7.5	32	49
HM2-132S-4	5.5	7.5	1455	87.7	87.7	85.9	0.83	11.5	10.9	10.5	36.1	2.2	2.3	7.5	45	65
HM2-132M-4	7.5	10	1455	88.7	88.7	86.9	0.84	15.3	14.5	14.0	49.2	2.2	2.3	7.5	54	76
HM2-160M-4	11	15	1460	89.8	89.8	88.0	0.85	22.2	21.0	20.3	72	2.2	2.3	7.7	86	112
HM2-160L-4	15	20	1460	90.6	90.6	88.8	0.85	29.6	28.1	27.1	98.1	2.2	2.3	7.8	100	135
HM2-180M-4	18.5	25	1470	91.2	91.2	89.4	0.86	35.8	34.0	32.8	120.2	2.0	2.3	7.8		168
HM2-180L-4	22	30	1470	91.6	91.6	89.8	0.86	42.4	40.3	38.9	142.9	2.0	2.3	7.8		182
HM2-200L-4	30	40	1470	92.3	92.3	90.5	0.86	57.4	54.6	52.6	194.9	2.0	2.3	7.3		237
HM2-225S-4	37	50	1480	92.7	92.7	90.8	0.87	69.7	66.2	63.8	238.8	2.0	2.3	7.4		292
HM2-225M-4	45	60	1480	93.1	93.1	91.2	0.87	84.4	80.2	77.3	290.4	2.0	2.3	7.4		325
HM2-250M-4	55	75	1480	93.5	93.5	91.6	0.87	103	97.6	94.1	354.9	2.2	2.3	7.4		400
HM2-280S-4	75	100	1480	94.0	94.0	92.1	0.87	139	132	128	484	2.0	2.3	6.9		535
HM2-280M-4	90	125	1480	94.2	94.2	92.3	0.87	167	159	153	580.7	2.0	2.3	6.9		598
HM2-315S-4	110	150	1485	94.5	94.5	92.6	0.88	201	191	184	707.4	2.0	2.2	7.0		915
HM2-315M-4	132	180	1485	94.7	94.7	92.8	0.88	240	229	220	848.9	2.0	2.2	7.0		990
HM2-315L1-4	160	200	1485	94.9	94.9	93.0	0.89	288	273	264	1029	2.0	2.2	7.1		1055
HM2-315L2-4	200	270	1485	95.1	95.1	93.2	0.89	359	341	329	1286.2	2.0	2.2	7.1		1125
HM2-355M-4	250	340	1490	95.1	95.1	93.2	0.90	444	422	406	1602.3	2.0	2.2	7.1		1670
HM2-355L-4	315	430	1490	95.1	95.1	93.2	0.90	559	531	512	2019	2.0	2.2	7.1		1845

技术参数 / Technical Data

HM2/IE2 6 Pole 1000RPM 50Hz

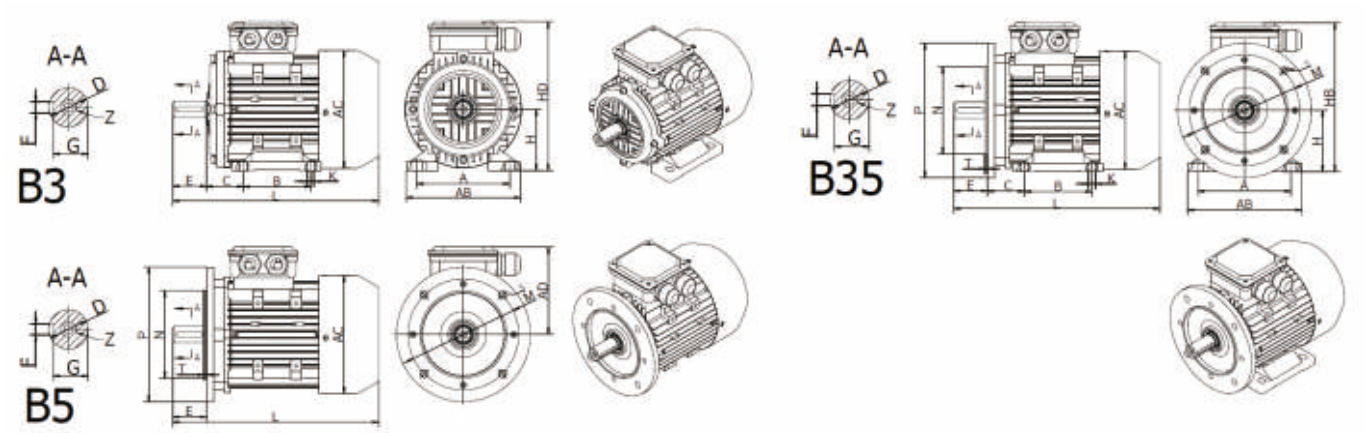
型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	堵转转矩/额定转矩 Ts/Tn	最大转矩/额定转矩 Tmax/Tn	堵转电流/额定电流 Is/In	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM2-71M1-6	0.18	0.25	850	56.6	56.6	55.5	0.66	0.73	0.7	0.67	2.01	1.9	2.0	4.0	7	
HM2-71M2-6	0.25	0.37	850	61.6	61.6	60.4	0.68	0.91	0.86	0.83	2.80	1.9	2.0	4.0	7.5	
HM2-80M1-6	0.37	0.5	885	67.6	67.6	66.2	0.70	1.19	1.13	1.09	4	1.9	2.0	4.7	9.5	13.5
HM2-80M2-6	0.55	0.75	885	73.1	73.1	71.6	0.72	1.59	1.51	1.45	5.90	1.9	2.1	4.7	11	15
HM2-90S-6	0.75	1	935	75.9	75.9	74.4	0.72	2.09	1.98	1.91	7.7	2.0	2.1	5.8	13.5	22
HM2-90L-6	1.1	1.5	945	78.1	78.1	76.5	0.72	2.97	2.82	2.72	11.1	2.0	2.1	5.9	16.5	25
HM2-100L-6	1.5	2	945	79.8	79.8	78.2	0.75	3.81	3.62	3.49	15.2	2.0	2.1	5.9	25	32
HM2-112M-6	2.2	3	960	81.8	81.8	80.2	0.76	5.38	5.11	4.92	21.9	2.0	2.1	6.2	29	39
HM2-132S-6	3	4	965	83.3	83.3	81.6	0.76	7.20	6.84	6.59	29.7	2.0	2.1	6.4	41	54
HM2-132M1-6	4	5.5	965	84.6	84.6	82.9	0.76	9.46	8.99	8.66	39.6	2.0	2.1	6.6	47	65
HM2-132M2-6	5.5	7.5	965	86.0	86.0	84.3	0.77	12.7	12.0	11.6	54.4	2.0	2.1	6.8	52	74
HM2-160M-6	7.5	10	970	87.2	87.2	85.5	0.78	16.8	15.9	15.3	73.8	2.0	2.1	6.8	82	100
HM2-160L-6	11	15	970	88.7	88.7	86.9	0.78	24.2	22.9	22.1	108.3	2.0	2.1	6.9	108	126
HM2-180L-6	15	20	975	89.7	89.7	87.9	0.81	31.4	29.8	28.7	146.9	2.0	2.1	7.3		180
HM2-200L1-6	18.5	25	980	90.4	90.4	88.6	0.81	38.4	36.5	35.1	180.3	2.0	2.1	7.3		206
HM2-200L2-6	22	30	980	90.9	90.9	89.1	0.83	44.8	42.5	41.0	214.4	2.0	2.1	7.3		225
HM2-225M-6	30	40	980	91.7	91.7	89.9	0.84	59.2	56.2	54.2	292.3	2.0	2.1	6.8		295
HM2-250M-6	37	50	980	92.2	92.2	90.4	0.86	70.9	67.4	64.9	360.6	2.0	2.1	7		372
HM2-280S-6	45	60	980	92.7	92.7	90.8	0.86	85.8	81.5	78.5	438.5	2.0	2.0	7.2		490
HM2-280M-6	55	75	980	93.1	93.1	91.2	0.86	104	99.2	95.6	536	2.0	2.0	7.2		545
HM2-315S-6	75	100	985	93.7	93.7	91.8	0.86	141	134	129	727.2	2.0	2.0	6.5		890
HM2-315M-6	90	125	985	94.0	94.0	92.1	0.86	169	161	155	872.6	2.0	2.0	6.6		980
HM2-315L1-6	110	150	985	94.3	94.3	92.4	0.86	206	196	189	1066.5	2.0	2.0	6.6		1070
HM2-315L2-6	132	180	985	94.6	94.6	92.7	0.87	244	231	223	1279	2.0	2.0	6.6		1120
HM2-355M1-6	160	200	990	94.8	94.8	92.9	0.88	291	277	267	1543	1.8	2.0	6.8		1680
HM2-355M2-6	200	270	990	95.0	95.0	93.1	0.88	363	345	333	1929	1.8	2.0	6.8		1780
HM2-355L-6	250	340	990	95.0	95.0	93.1	0.88	454	432	416	2412	1.8	2.0	6.8		1950

技术参数 / Technical Data

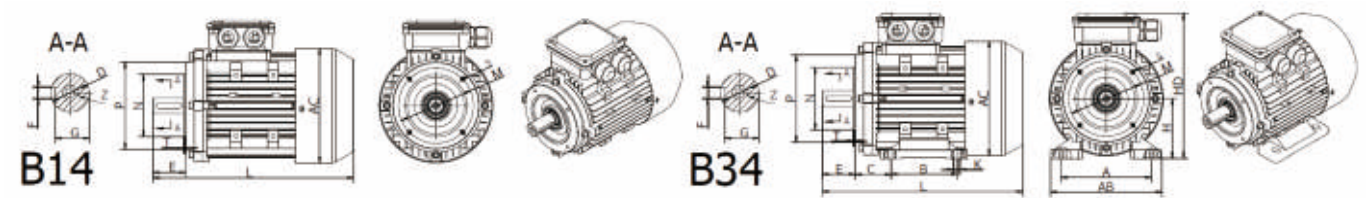
HM2/IE2 8 Pole 750RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM2-80M1-8	0.18	0.25	650	45.9	45.9	45.0	0.61	0.98	0.93	0.89	2.64	1.8	1.9	3.3	10	14
HM2-80M2-8	0.25	0.37	650	50.6	50.6	49.6	0.61	1.23	1.17	1.13	3.67	1.8	1.9	3.3	11.5	15.5
HM2-90S-8	0.37	0.5	675	56.1	56.1	55.0	0.61	1.64	1.56	1.50	5.23	1.8	1.9	4.0	14.5	23
HM2-90L-8	0.55	0.75	675	61.7	61.7	60.5	0.61	2.22	2.11	2.03	7.78	1.8	2.0	4.0	17.5	26
HM2-100L1-8	0.75	1	685	66.2	66.2	64.9	0.67	2.57	2.44	2.35	10.5	1.8	2.0	4.0	25	35
HM2-100L2-8	1.1	1.5	685	70.8	70.8	69.4	0.69	3.42	3.25	3.13	15.3	1.8	2.0	5.0	27.5	37
HM2-112M-8	1.5	2	695	74.1	74.1	72.6	0.70	4.39	4.17	4.02	20.6	1.8	2.0	5.0	34	43
HM2-132S-8	2.2	3	710	77.6	77.6	76.0	0.71	6.07	5.76	5.56	29.6	1.8	2.0	6.0	42.5	56
HM2-132M-8	3	4	710	80.0	80.0	78.4	0.73	7.80	7.41	7.15	40.4	1.8	2.0	6.0	53	65
HM2-160M1-8	4	5.5	725	81.9	81.9	80.3	0.73	10.2	9.66	9.31	52.7	1.9	2.0	6.0	83	96
HM2-160M2-8	5.5	7.5	725	83.8	83.8	82.1	0.74	13.5	12.8	12.3	72.4	1.9	2.0	6.0	92	105
HM2-160L-8	7.5	10	725	85.3	85.3	83.6	0.75	17.8	16.9	16.3	98.8	1.9	2.0	6.0	115	136
HM2-180L-8	11	15	735	86.9	86.9	85.2	0.75	25.6	24.4	23.5	142.9	2.0	2.0	6.5		165
HM2-200L-8	15	20	730	88.0	88.0	86.2	0.76	34.1	32.4	31.2	196.2	2.0	2.0	6.6		216
HM2-225S-8	18.5	25	730	88.6	88.6	86.8	0.76	41.7	39.7	38.2	242	1.9	2.0	6.6		265
HM2-225M-8	22	30	730	89.1	89.1	87.3	0.78	48.1	45.7	44.0	287.8	1.9	2.0	6.6		296
HM2-250M-8	30	40	735	89.8	89.8	88.0	0.79	64.3	61.0	58.5	389.8	1.9	2.0	6.6		372
HM2-280S-8	37	50	735	90.3	90.3	88.5	0.79	78.8	74.9	72.2	480.7	1.9	2.0	6.6		486
HM2-280M-8	45	60	735	90.7	90.7	88.9	0.79	95.4	90.6	87.4	584.7	1.9	2.0	6.6		546
HM2-315S-8	55	75	735	91.0	91.0	89.2	0.81	113	108	104	714.6	1.8	2.0	6.6		835
HM2-315M-8	75	100	735	91.6	91.6	89.8	0.81	154	146	141	974.5	1.8	2.0	6.2		980
HM2-315L1-8	90	125	735	91.9	91.9	90.1	0.82	181	172	166	1169	1.8	2.0	6.4		1080
HM2-315L2-8	110	150	735	92.3	92.3	90.5	0.82	221	210	202	1429	1.8	2.0	6.4		1150
HM2-355M1-8	132	180	740	92.6	92.6	90.7	0.82	264	251	242	1704	1.8	2.0	6.4		1790
HM2-355M2-8	160	220	740	93.0	93.0	91.1	0.82	319	303	292	2065	1.8	2.0	6.4		1860
HM2-355L-8	200	270	740	93.5	93.5	91.6	0.83	392	372	359	2581	1.8	2.0	6.4		1990

HMA1/HMA2铝壳电机安装尺寸 / Mounting Dimensions for Aluminum

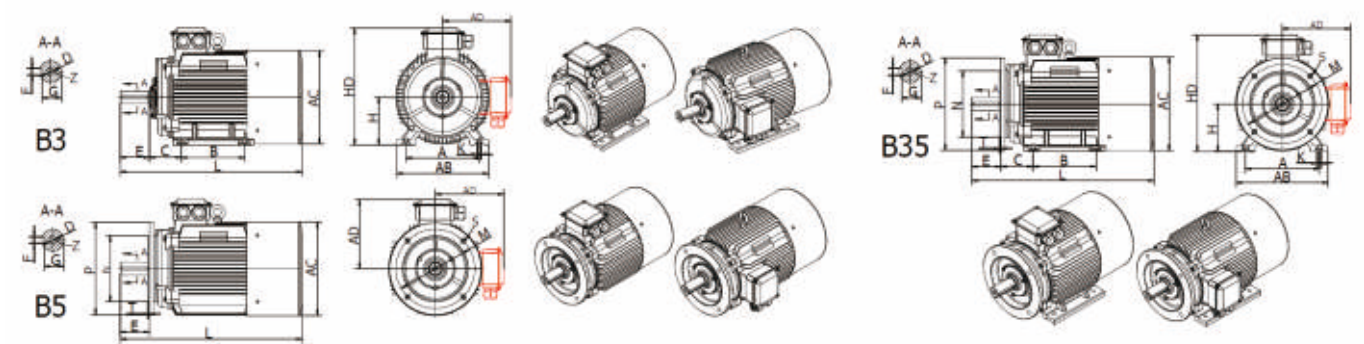


机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
											B5									
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T	AB	AC	AD	HD	L
56	90	71	36	9	20	3	7.2	56	5.8	M4×12	120	100	80	4-Φ7	3	110	111	89	145	197
63	100	80	40	11	23	4	8.5	63	7	M4×12	140	115	95	4-Φ10	3	120	120	107	170	212
71	112	90	45	14	30	5	11	71	7	M5×12	160	130	110	4-Φ10	3.5	132	133	114	185	240
80	125	100	50	19	40	6	15.5	80	10	M6×16	200	165	130	4-Φ12	3.5	152	153	122	202	290
90S	140	100	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	168	172	135	225	315
90L	140	125	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	168	172	135	225	340
100L	160	140	63	28	60	8	24	100	12	M10×22	250	215	180	4-Φ15	4	192	193	145	245	370
112M	190	140	70	28	60	8	24	112	12	M10×22	250	215	180	4-Φ15	4	222	223	165	277	395
132S	216	140	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	248	255	187	319	470
132M	216	178	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	248	255	187	319	500
160M	254	210	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	315	330	255	415	605
160L	254	254	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	315	330	255	415	680



机座号 Frame Size	安装尺寸 Mounting Dimensions																				外型尺寸 Overall Dimensions				
											B14-A					B14-B									
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T	P	M	N	S	T	AB	AC	AD	HD	L
56	90	71	36	9	20	3	7.2	56	5.8	M4×12	80	65	50	4-M5	2.5	105	85	70	4-M6	2.5	110	111	89	145	197
63	100	80	40	11	23	4	8.5	63	7	M4×12	90	75	60	4-M5	2.5	120	100	80	4-M6	3	120	120	107	170	212
71	112	90	45	14	30	5	11	71	7	M5×12	105	85	70	4-M6	2.5	140	115	95	4-M8	3	132	133	114	185	240
80	125	100	50	19	40	6	15.5	80	10	M6×16	120	100	80	4-M6	3	160	130	110	4-M8	3.5	152	153	122	202	290
90S	140	100	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	160	130	110	4-M8	3.5	168	172	135	225	315
90L	140	125	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	160	130	110	4-M8	3.5	168	172	135	225	340
100L	160	140	63	28	60	8	24	100	12	M10×22	160	130	110	4-M8	3.5	200	165	130	4-M10	3.5	192	193	145	245	370
112M	190	140	70	28	60	8	24	112	12	M10×22	160	130	110	4-M8	3.5	200	165	130	4-M10	3.5	222	223	165	277	395
132S	216	140	89	38	80	10	33	132	12	M12×28	200	165	130	4-M10	3.5	250	215	180	4-M12	4	248	255	187	319	470
132M	216	178	89	38	80	10	33	132	12	M12×28	200	165	130	4-M10	3.5	250	215	180	4-M12	4	248	255	187	319	500

HMI1/HMI2铁壳电机安装尺寸 / Mounting Dimensions for Cast Iron



机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
											B5									
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T	AB	AC	AD	HD	L
80M	125	100	50	19	40	6	15.5	80	10	M6×16	200	165	130	4-Φ12	3.5	152	153	122	202	290
90S	140	100	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	168	172	135	225	315
90L	140	125	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	168	172	135	225	340
100L	160	140	63	28	60	8	24	100	12	M10×22	250	215	180	4-Φ15	4	192	193	145	245	370
112M	190	140	70	28	60	8	24	112	12	M10×22	250	215	180	4-Φ15	4	222	223	165	277	395
132S	216	140	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	248	265	208	340	470
132M	216	178	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	248	265	208	340	500
160M	254	210	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	315	330	260	420	605
160L	254	254	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	315	330	260	420	680
180M	279	241	121	48	110	14	42.5	180	15	M16×36	350	300	250	4-Φ19	5	350	352	265	445	694
180L	279	279	121	48	110	14	42.5	180	15	M16×36	350	300	250	4-Φ19	5	350	352	265	445	732
200L	318	305	133	55	110	16	49	200	19	M20×42	400	350	300	4-Φ19	5	390	394	315	515	774
225S(4-8P)	356	286	149	60	140	18	53	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	820
225M(2P)	356	311	149	55	110	16	49	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	813
225M(4-8P)	356	311	149	60	140	18	53	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	873
250M(2P)	406	349	168	60	140	18	53	250	24	M20×42	550	500	450	8-Φ19	5	490	481	375	625	922
250M(4-8P)	406	349	168	65	140	18	58	250	24	M20×42	550	500	450	8-Φ19	5	490	481	375	625	922
280S(2P)	457	368	190	65	140	18	58	280	24	M20×42	550	500	450	8-Φ19	5	547	550	400	680	991
280M(2P)	457	419	190	65	140	18	58	280	24	M20×42	550	500	450	8-Φ19	5	547	550	400	680	1040
280S(4-8P)	457	368	190	75	140	20	67.5	280	24	M20×42	550	500	450	8-Φ19	5	547	550	400	680	991
280M(4-8P)	457	419	190	75	140	20	67.5	280	24	M20×42	550	500	450	8-Φ19	5	547	550	400	680	1040
315S(2P)	508	406	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1160
315M(2P)	508	457	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1270
315L(2P)	508	508	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1270
315S(4-10P)	508	406	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1190
315M(4-10P)	508	457	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1300
315L(4-10P)	508	508	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	630	600	540	855	1300
355M(2P)	610	560	254	75	140	20	67.5	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1500
355L(2P)	610	630	254	75	140	20	67.5	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1500
355M(4-10P)	610	560	254	95	170	25	86	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1530
355L(4-10P)	610	630	254	95	170	25	86	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1530

技术参数 / Technical Data

HM3/IE3 2 Pole 3000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-63M1-2	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	5.5	
HM3-63M2-2	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	6	
HM3-71M1-2	0.37	0.5	2750	73.8	73.8	72.3	0.81	0.94	0.89	0.86	1.28	2.2	2.2	6.1	6.5	
HM3-71M2-2	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	7.5	
HM3-80M1-2	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	10	17
HM3-80M2-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.23	3.65	2.2	2.3	7.3	12	19
HM3-90S-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	14	23
HM3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	17	27
HM3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.9	2.2	2.3	7.8	23.5	35
HM3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	35	43
HM3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	42	63
HM3-132S2-2	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	48	69
HM3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	80	112
HM3-160M2-2	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	92	125
HM3-160L-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	105	148
HM3-180M-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		182
HM3-200L1-2	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		246
HM3-200L2-2	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		265
HM3-225M-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		325
HM3-250M-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		415
HM3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1		550
HM3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	158	150	146	288.9	1.8	2.3	7.1		605
HM3-315S-2	110	150	2975	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1		945
HM3-315M-2	132	180	2975	95.2	95.2	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1		1020
HM3-315L1-2	160	200	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2		1100
HM3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2		1170
HM3-355M-2	250	340	2980	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2		1780
HM3-355L-2	315	430	2980	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2		1860

HM3/IE3 4 Pole 1500RPM 50Hz

型号 Type	额定 功率 Rated Output		额定 转速 Rated Speed rpm	效率η Efficiency (%)	效率 75% Efficiency at 75% load	效率 50% Efficiency at 50% load	功率 因数 Power factor cosφ	额定电流 Rated current (A)			额定 转矩 Rated Torque (N.m)	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	铝壳 重量 ALU Weight (kg)	铁壳 重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-63M1-4	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	5.2	
HM3-63M2-4	0.18	0.25	1320	69.9	69.9	68.5	0.73	0.54	0.51	0.49	1.3	2.1	2.2	4.4	5.6	
HM3-71M1-4	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	6.5	
HM3-71M2-4	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	7.5	
HM3-80M1-4	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	10	19
HM3-80M2-4	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	12	21
HM3-90S-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	15.5	24.5
HM3-90L-4	1.5	2	1445	85.3	85.3	83.6	0.77	3.47	3.30	3.18	9.91	2.3	2.3	7.0	18	30
HM3-100L1-4	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	24	38

技术参数 / Technical Data

HM3/IE3 4 Pole 1500RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-100L2-4	3	4	1450	87.7	87.7	85.9	0.82	6.34	6.02	5.80	20	2.3	2.3	7.6	30	42
HM3-112M-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	36	54
HM3-132S-4	5.5	7.5	1460	89.6	89.6	87.8	0.83	11.2	10.7	10.3	36	2.0	2.3	7.9	48	72
HM3-132M-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	57	83
HM3-160M-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	93	128
HM3-160L-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	105	156
HM3-180M-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		193
HM3-180L-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		210
HM3-200L-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		272
HM3-225S-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		338
HM3-225M-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		378
HM3-250M-4	55	75	1485	94.6	94.6	92.7	0.86	103	97.6	94.1	353.7	2.2	2.3	7.7		468
HM3-280S-4	75	100	1485	95.0	95.0	93.1	0.88	136	129	125	480.7	2.0	2.3	6.9		630
HM3-280M-4	90	125	1485	95.2	95.2	93.3	0.88	163	155	149	578.4	2.0	2.3	6.9		708
HM3-315S-4	110	150	1485	95.2	95.2	93.3	0.89	197	187	180	706.0	2.0	2.2	7.0		955
HM3-315M-4	132	180	1485	95.6	95.6	93.7	0.89	236	224	216	847.2	2.0	2.2	7.0		1010
HM3-315L1-4	160	200	1490	95.8	95.8	93.9	0.89	285	271	261	1027	2.0	2.2	7.1		1075
HM3-315L2-4	200	270	1490	96.0	96.0	94.1	0.90	352	334	322	1282	2.0	2.2	7.1		1165
HM3-355M-4	250	340	1490	96.0	96.0	94.1	0.90	440	418	403	1602	2.0	2.2	7.1		1715
HM3-355L-4	315	430	1490	96.0	96.0	94.1	0.90	554	526	507	2019	2.0	2.2	7.1		1920

HM3/IE3 6 Pole 1000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-71M1-6	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	8	
HM3-71M2-6	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	9	
HM3-80M1-6	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	11	16
HM3-80M2-6	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	12	18
HM3-90S-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	15	25
HM3-90L-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	19	28
HM3-100L-6	1.5	2	950	82.5	82.5	80.9	0.73	3.78	3.59	3.47	15.1	2.0	2.1	6.5	28.5	35
HM3-112M-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	32	41
HM3-132S-6	3	4	970	85.6	85.6	83.9	0.74	7.2	6.84	6.59	29.6	2.0	2.1	6.8	42	59
HM3-132M1-6	4	5.5	970	86.8	86.8	85.1	0.74	9.46	8.99	8.66	39.5	2.0	2.1	6.8	49	72
HM3-132M2-6	5.5	7.5	970	88.0	88.0	86.2	0.75	12.7	12.0	11.6	54.3	2.0	2.1	7.0	58	80
HM3-160M-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	85	109
HM3-160L-6	11	15	970	90.3	90.3	88.5	0.80	23.1	22	21.2	108.3	2.0	2.1	7.2	116	139
HM3-180L-6	15	20	980	91.2	91.2	89.4	0.81	30.9	29.3	28.2	146.5	2.0	2.1	7.3		195
HM3-200L1-6	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		234
HM3-200L2-6	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		250
HM3-225M-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		312

技术参数 / Technical Data

HM3/IE3 6 Pole 1000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-250M-6	37	50	985	93.3	93.3	91.4	0.84	71.7	68.1	65.7	358.7	2.0	2.1	7.1		395
HM3-280S-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		505
HM3-280M-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		595
HM3-315S-6	75	100	985	94.6	94.6	92.7	0.84	143	136	131	727.2	2.0	2.0	6.6		945
HM3-315M-6	90	125	990	94.9	94.9	93.0	0.85	170	161	155	869.9	2.0	2.0	6.7		1025
HM3-315L1-6	110	150	990	95.1	95.1	93.2	0.85	207	196	189	1063	2.0	2.0	6.7		1130
HM3-315L2-6	132	180	990	95.4	95.4	93.5	0.86	244	232	224	1276	2.0	2.0	6.8		1200
HM3-355M1-6	160	200	990	95.6	95.6	93.7	0.86	296	281	271	1543	1.8	2.0	6.8		1720
HM3-355M2-6	200	270	990	95.8	95.8	93.9	0.87	365	346	334	1929	1.8	2.0	6.8		1845
HM3-355L-6	250	340	990	95.8	95.8	93.9	0.87	456	433	417	2412	1.8	2.0	6.8		2065

HM3/IE3 8 Pole 750RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM3-80M1-8	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	11	14.5
HM3-80M2-8	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	12.5	16.5
HM3-90S-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	17	28
HM3-90L-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	21	30
HM3-100L1-8	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	29	39
HM3-100L2-8	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	31	42
HM3-112M-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	38.5	48.5
HM3-132S-8	2.2	3	710	81.9	81.9	80.3	0.71	5.8	5.46	5.26	29.6	1.8	2.0	6.0	49.5	68
HM3-132M-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	58	79
HM3-160M1-8	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	92	115
HM3-160M2-8	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	113	138
HM3-160L-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	127	160
HM3-180L-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		205
HM3-200L-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		245
HM3-225S-8	18.5	25	730	90.1	90.1	88.3	0.76	41.0	39.0	37.6	242	1.9	2.0	6.6		286
HM3-225M-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		320
HM3-250M-8	30	40	735	91.3	91.3	89.5	0.79	63.2	60.0	57.9	389.8	1.9	2.0	6.6		390
HM3-280S-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		508
HM3-280M-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		582
HM3-315S-8	55	75	735	92.5	92.5	90.7	0.81	112	106	102	714.6	1.8	2.0	6.6		930
HM3-315M-8	75	100	735	93.1	93.1	91.2	0.81	151	144	138	974.5	1.8	2.0	6.2		1020
HM3-315L1-8	90	125	735	93.4	93.4	91.5	0.82	179	170	163	1169	1.8	2.0	6.4		1110
HM3-315L2-8	110	150	735	93.7	93.7	91.8	0.82	218	207	199	1429	1.8	2.0	6.4		1165
HM3-355M1-8	132	180	740	94.0	94.0	92.1	0.82	260	247	238	1704	1.8	2.0	6.4		1890
HM3-355M2-8	160	220	740	94.3	94.3	92.4	0.82	314	299	288	2065	1.8	2.0	6.4		1980
HM3-355L-8	200	270	740	94.6	94.6	92.7	0.83	387	368	354	2581	1.8	2.0	6.4		2140

技术参数 / Technical Data

HM4/IE4 2 Pole 3000RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM4-63M1-2	0.18	0.25	2745	70.8	70.8	69.4	0.80	0.48	0.46	0.44	0.63	2.2	2.2	5.5	6	
HM4-63M2-2	0.25	0.37	2745	74.3	74.3	72.8	0.81	0.63	0.60	0.58	0.87	2.2	2.2	5.5	6.5	
HM4-71M1-2	0.37	0.5	2765	78.1	78.1	76.5	0.81	0.89	0.84	0.81	1.28	2.2	2.2	6.1	7.5	
HM4-71M2-2	0.55	0.75	2765	81.5	81.5	79.9	0.82	1.25	1.19	1.14	1.90	2.3	2.3	6.1	8	
HM4-80M1-2	0.75	1	2920	83.5	83.5	81.8	0.82	1.66	1.58	1.52	2.46	2.3	2.3	7.0	11	20
HM4-80M2-2	1.1	1.5	2925	85.2	85.2	83.5	0.83	2.36	2.25	2.16	3.60	2.2	2.3	7.3	13	22
HM4-90S-2	1.5	2	2925	86.5	86.5	84.8	0.84	3.14	2.98	2.87	4.89	2.2	2.3	7.6	16	25
HM4-90L-2	2.2	3	2930	88.0	88.0	86.2	0.85	4.47	4.25	4.09	7.17	2.2	2.3	7.6	20	30
HM4-100L-2	3	4	2935	89.1	89.1	87.3	0.87	5.88	5.59	5.38	9.76	2.2	2.3	7.8	25	38
HM4-112M-2	4	5.5	2940	90.0	90.0	88.2	0.88	7.67	7.29	7.03	13.0	2.2	2.3	8.3	40	49
HM4-132S1-2	5.5	7.5	2945	90.9	90.9	89.1	0.88	10.4	9.90	9.57	17.8	2.0	2.3	8.3	48	75
HM4-132S2-2	7.5	10	2950	91.7	91.7	89.9	0.88	14.1	13.4	12.9	24.3	2.0	2.3	7.9	56	83
HM4-160M1-2	11	15	2960	92.6	92.6	90.7	0.89	20.3	19.3	18.6	35.5	2.0	2.3	8.1		132
HM4-160M2-2	15	20	2960	93.3	93.3	91.4	0.89	27.4	26.1	25.1	48.4	2.0	2.3	8.1		146
HM4-160L-2	18.5	25	2960	93.7	93.7	91.8	0.89	33.7	32.0	30.9	59.7	2.0	2.3	8.2		160
HM4-180M-2	22	30	2965	94.0	94.0	92.1	0.89	40.0	38.0	36.6	70.9	2.0	2.3	8.2		220
HM4-200L1-2	30	40	2970	94.5	94.5	92.6	0.89	54.2	51.5	49.6	96.5	2.0	2.3	7.6		260
HM4-200L2-2	37	50	2970	94.8	94.8	92.9	0.89	66.6	63.3	61.0	119.0	2.0	2.3	7.6		309
HM4-225M-2	45	60	2975	95.0	95.0	93.1	0.90	80.0	76.0	73.2	144.5	2.0	2.3	7.7		370
HM4-250M-2	55	75	2975	95.3	95.3	93.4	0.90	97.4	92.6	89.2	176.6	2.0	2.3	7.7		518
HM4-280S-2	75	100	2980	95.6	95.6	93.7	0.90	132	126	121	240.4	1.8	2.3	7.1		570
HM4-280M-2	90	125	2980	95.8	95.8	93.9	0.90	159	151	145	288.2	1.8	2.3	7.1		630
HM4-315S-2	110	150	2980	96.0	96.0	94.1	0.90	193	184	177	352.5	1.8	2.3	7.1		985
HM4-315M-2	132	180	2980	96.2	96.2	94.3	0.90	232	220	212	423.0	1.8	2.3	7.1		1050
HM4-315L1-2	160	200	2980	96.3	96.3	94.4	0.91	277	264	254	512.8	1.8	2.3	7.2		1160
HM4-315L2-2	200	270	2980	96.5	96.5	94.6	0.91	346	329	317	640.9	1.8	2.2	7.2		1200
HM4-355M-2	250	340	2985	96.5	96.5	94.6	0.91	433	411	396	799.8	1.6	2.2	7.2		2050
HM4-355L-2	315	430	2980	96.5	96.5	94.6	0.91	545	518	499	1009	1.6	2.2	7.2		2360

HM4/IE4 4 Pole 1500RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM4-63M1-4	0.12	0.18	1340	69.8	69.8	68.4	0.72	0.36	0.34	0.33	0.86	2.1	2.2	4.4	5.5	
HM4-63M2-4	0.18	0.25	1340	74.7	74.7	73.2	0.73	0.50	0.48	0.46	1.28	2.1	2.2	4.4	6	
HM4-71M1-4	0.25	0.37	1355	77.9	77.9	76.3	0.74	0.66	0.63	0.60	1.76	2.1	2.2	5.2	7	
HM4-71M2-4	0.37	0.5	1355	81.1	81.1	79.5	0.75	0.92	0.88	0.85	2.61	2.1	2.2	5.2	8	
HM4-80M1-4	0.55	0.75	1420	83.9	83.9	82.2	0.75	1.33	1.26	1.22	3.70	2.4	2.3	5.2	11	21
HM4-80M2-4	0.75	1	1430	85.7	85.7	84.0	0.75	1.77	1.68	1.62	5.01	2.3	2.3	6.6	13	24
HM4-90S-4	1.1	1.5	1445	87.2	87.2	85.5	0.76	2.52	2.40	2.31	7.27	2.3	2.3	6.8	17	30
HM4-90L-4	1.5	2	1450	88.2	88.2	86.4	0.77	3.36	3.19	3.07	9.88	2.3	2.3	7.0	20	35
HM4-100L1-4	2.2	3	1455	89.5	89.5	87.8	0.81	4.61	4.38	4.22	14.1	2.3	2.3	7.6	26	46
HM4-100L2-4	3	4	1455	90.4	90.4	88.6	0.82	6.15	5.84	5.63	19.7	2.3	2.3	7.6	32	54
HM4-112M-4	4	5.5	1460	91.1	91.1	89.3	0.82	8.14	7.73	7.45	26.2	2.2	2.3	7.8	40	60
HM4-132S-4	5.5	7.5	1470	91.9	91.9	90.1	0.83	11.0	10.4	10.0	35.7	2.0	2.3	7.9	52	85
HM4-132M-4	7.5	10	1470	92.6	92.6	90.7	0.84	14.6	13.9	13.4	48.7	2.0	2.3	7.5	63	96
HM4-160M-4	11	15	1475	93.3	93.3	91.4	0.85	21.1	20.0	19.3	71.2	2.2	2.3	7.7		145

技术参数 / Technical Data

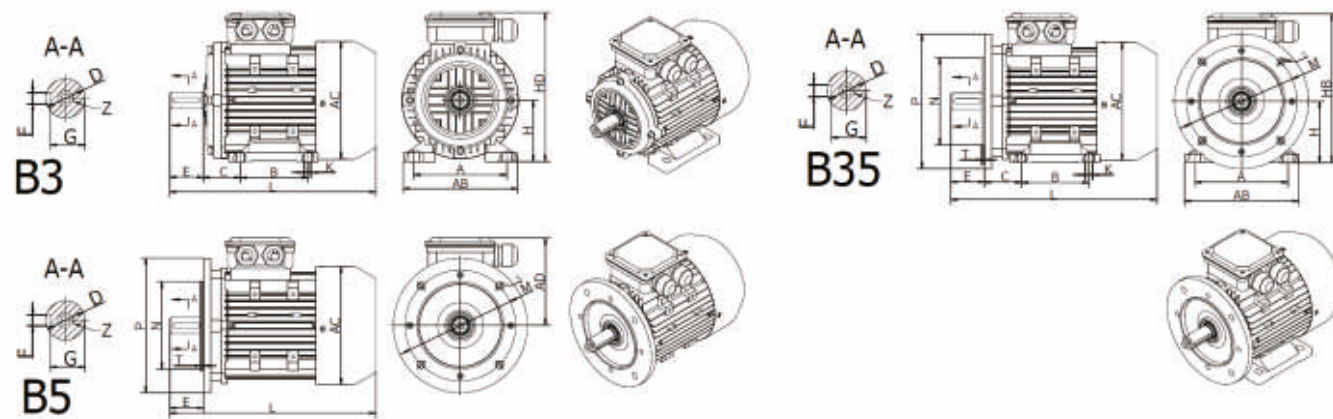
HM4/IE4 4 Pole 1500RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM4-160L-4	15	20	1475	93.9	93.9	92.0	0.86	28.2	26.8	25.8	97.1	2.2	2.3	7.8		156
HM4-180M-4	18.5	25	1480	94.2	94.2	92.3	0.86	34.7	33.0	31.8	119.4	2.0	2.3	7.8		182
HM4-180L-4	22	30	1480	94.5	94.5	92.6	0.86	41.1	39.1	37.7	142.0	2.0	2.3	7.8		209
HM4-200L-4	30	40	1480	94.9	94.9	93.0	0.86	55.8	53.1	51.1	193.6	2.0	2.3	7.3		280
HM4-225S-4	37	50	1485	95.2	95.2	93.3	0.86	68.7	65.2	62.9	237.9	2.0	2.3	7.4		373
HM4-225M-4	45	60	1485	95.4	95.4	93.5	0.86	83.3	79.2	76.3	289.4	2.0	2.3	7.4		390
HM4-250M-4	55	75	1485	95.7	95.7	93.8	0.86	102	96.5	93	353.7	2.2	2.3	7.7		553
HM4-280S-4	75	100	1490	96.0	96.0	94.1	0.88	135	128	124	480.7	2.0	2.3	6.9		655
HM4-280M-4	90	125	1490	96.1	96.1	94.2	0.88	162	154	148	576.8	2.0	2.3	6.9		730
HM4-315S-4	110	150	1490	96.3	96.3	94.4	0.89	195	185	179	705.0	2.0	2.2	7.0		980
HM4-315M-4	132	180	1490	96.4	96.4	94.5	0.89	234	222	214	846.0	2.0	2.2	7.0		1030
HM4-315L1-4	160	200	1490	96.6	96.6	94.7	0.89	283	269	259	1026	2.0	2.2	7.1		1095
HM4-315L2-4	200	270	1490	96.7	96.7	94.8	0.90	349	332	320	1282	2.0	2.2	7.1		1190
HM4-355M-4	250	340	1490	96.7	96.7	94.8	0.90	436	415	400	1602	2.0	2.2	7.1		1755
HM4-355L-4	315	430	1490	96.7	96.7	94.8	0.90	550	522	504	2019	2.0	2.2	7.1		1960

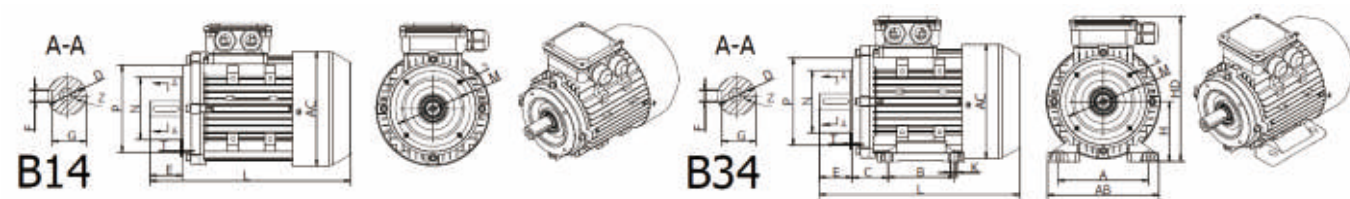
HM4/IE4 6 Pole 750RPM 50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	效率η Efficiency (%)	效率75% Efficiency at 75% load	效率50% Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current (A)			额定转矩 Rated Torque (N.m)	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	铝壳重量 ALU Weight (kg)	铁壳重量 C/I Weight (kg)
	kW	Hp						380V	400V	415V						
HM4-71M1-6	0.18	0.25	860	70.1	70.1	69.7	0.66	0.59	0.56	0.54	2.00	1.9	2.0	4.0	9	
HM4-71M2-6	0.25	0.37	860	74.1	74.1	72.6	0.68	0.75	0.72	0.69	2.78	1.9	2.0	4.0	10	
HM4-80M1-6	0.37	0.5	895	78.0	78.0	76.4	0.70	1.03	0.98	0.94	3.95	1.9	2.0	4.7	12.5	18
HM4-80M2-6	0.55	0.75	895	80.9	80.9	79.3	0.72	1.43	1.36	1.31	5.87	1.9	2.1	4.7	13.5	20
HM4-90S-6	0.75	1	950	82.7	82.7	81.0	0.71	1.94	1.84	1.78	7.54	2.0	2.1	6.0	17	28
HM4-90L-6	1.1	1.5	955	84.5	84.5	82.8	0.73	2.71	2.57	2.48	11.0	2.0	2.1	6.0	22.5	32
HM4-100L-6	1.5	2	960	85.9	85.9	84.2	0.73	3.63	3.45	3.33	14.9	2.0	2.1	6.5	33	40
HM4-112M-6	2.2	3	965	87.4	87.4	85.7	0.74	5.17	4.91	4.73	21.8	2.0	2.1	6.6	39	56
HM4-132S-6	3	4	970	88.6	88.6	86.8	0.74	6.95	6.60	6.37	29.5	2.0	2.1	6.8	46	78
HM4-132M1-6	4	5.5	975	89.5	89.5	87.7	0.74	9.18	8.72	8.40	39.2	2.0	2.1	6.8	54	89
HM4-132M2-6	5.5	7.5	975	90.5	90.5	88.7	0.75	12.3	11.7	11.3	53.9	2.0	2.1	7.0	62	102
HM4-160M-6	7.5	10	980	91.3	91.3	89.5	0.79	15.8	15.0	14.5	73.1	2.0	2.1	7.0		140
HM4-160L-6	11	15	980	92.3	92.3	90.5	0.80	22.6	21.5	20.7	107.2	2.0	2.1	7.2		160
HM4-180L-6	15	20	985	92.9	92.9	91.0	0.81	30.3	28.8	27.2	145.4	2.0	2.1	7.3		245
HM4-200L1-6	18.5	25	985	93.4	93.4	91.5	0.81	37.2	35.3	34.0	179.4	2.0	2.1	7.3		265
HM4-200L2-6	22	30	985	93.7	93.7	91.8	0.81	44.0	41.8	40.3	213.3	2.0	2.1	7.4		285
HM4-225M-6	30	40	990	94.2	94.2	92.3	0.83	58.3	55.4	53.4	289.4	2.0	2.1	6.9		335
HM4-250M-6	37	50	990	94.5	94.5	92.6	0.84	70.8	67.3	64.8	356.9	2.0	2.1	7.1		470
HM4-280S-6	45	60	990	94.8	94.8	92.9	0.85	84.8	80.6	77.7	434.1	2.0	2.0	7.3		530
HM4-280M-6	55	75	990	95.1	95.1	93.2	0.86	102	97.1	93.6	530.6	2.0	2.0	7.3		670
HM4-315S-6	75	100	990	95.4	95.4	93.5	0.84	142	135	130	723.5	2.0	2.0	6.6		960
HM4-315M-6	90	125	990	95.6	95.6	93.7	0.85	168	160	154	868.2	2.0	2.0	6.7		1070
HM4-315L1-6	110	150	990	95.8	95.8	93.9	0.85	205	195	188	1061	2.0	2.0	6.7		1160
HM4-315L2-6	132	180	990	96.0	96.0	94.1	0.86	243	231	222	1273	2.0	2.0	6.8		1250
HM4-355M1-6	160	200	990	96.2	96.2	94.3	0.86	294	279	269	1543	1.8	2.0	6.8		1780
HM4-355M2-6	200	270	990	96.3	96.3	94.4	0.87	363	345	332	1929	1.8	2.0	6.8		1900
HM4-355L-6	250	340	990	96.5	96.5	94.6	0.87	452	430	414	2412	1.8	2.0	6.8		2100

HMA3/HMA4铝壳电机安装尺寸 / Mounting Dimensions for Aluminum

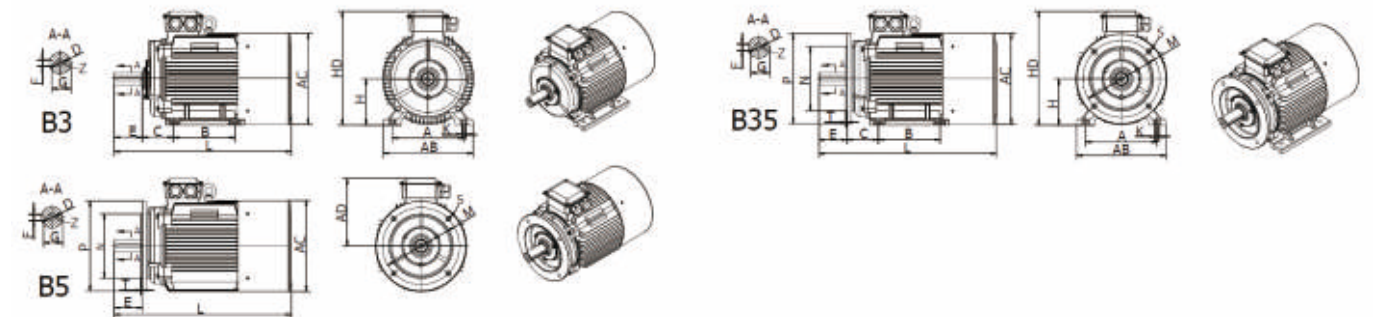


机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T					
63	100	80	40	11	23	4	8.5	63	7	M4×12	140	115	95	4-Φ10	3	120	120	107	170	212
71	112	90	45	14	30	5	11	71	7	M5×12	160	130	110	4-Φ10	3.5	132	133	114	185	240
80	125	100	50	19	40	6	15.5	80	10	M6×16	200	165	130	4-Φ12	3.5	165	153	122	202	300
90S	140	100	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	180	172	135	225	326
90L	140	125	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	180	172	135	225	381
100L	160	140	63	28	60	8	24	100	12	M10×22	250	215	180	4-Φ15	4	200	193	145	245	428
112M	190	140	70	28	60	8	24	112	12	M10×22	250	215	180	4-Φ15	4	230	223	165	277	440
132S	216	140	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	270	255	187	319	510
132M	216	178	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	270	255	187	319	550
160M	254	210	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	320	330	255	415	730
160L	254	254	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	320	330	255	415	760



机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T					
63	100	80	40	11	23	4	8.5	63	7	M4×12	90	75	60	4-M5	2.5	120	120	107	170	212
71	112	90	45	14	30	5	11	71	7	M5×12	105	85	70	4-M6	2.5	132	133	114	185	240
80	125	100	50	19	40	6	15.5	80	10	M6×16	120	100	80	4-M6	3	165	153	122	202	300
90S	140	100	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	180	172	135	225	326
90L	140	125	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	180	172	135	225	381
100L	160	140	63	28	60	8	24	100	12	M10×22	160	130	110	4-M8	3.5	200	193	145	245	428
112M	190	140	70	28	60	8	24	112	12	M10×22	160	130	110	4-M8	3.5	230	223	165	277	440
132S	216	140	89	38	80	10	33	132	12	M12×28	200	165	130	4-M10	3.5	270	255	187	319	510
132M	216	178	89	38	80	10	33	132	12	M12×28	200	165	130	4-M10	3.5	270	255	187	319	550

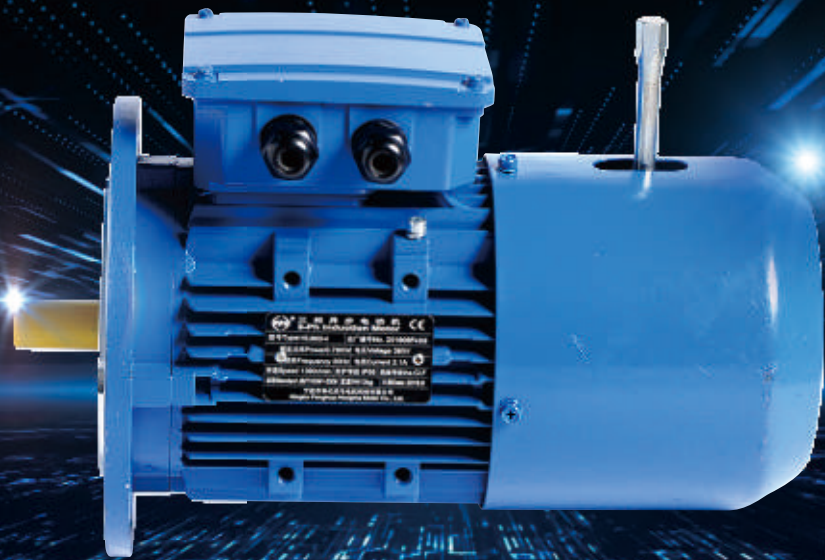
HMI3/HMI4铁壳电机安装尺寸 / Mounting Dimensions for Cast Iron



机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T					
80M	125	100	50	19	40	6	15.5	80	10	M6×16	200	165	130	4-Φ12	3.5	165	153	122	202	300
90S	140	100	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	180	172	135	225	326
90L	140	125	56	24	50	8	20	90	10	M8×19	200	165	130	4-Φ12	3.5	180	172	135	225	381
100L	160	140	63	28	60	8	24	100	12	M10×22	250	215	180	4-Φ15	4	200	193	145	245	428
112M	190	140	70	28	60	8	24	112	12	M10×22	250	215	180	4-Φ15	4	230	223	165	277	440
132S	216	140	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	270	255	187	319	510
132M	216	178	89	38	80	10	33	132	12	M12×28	300	265	230	4-Φ15	4	270	255	187	319	550
160M	254	210	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	320	330	255	415	730
160L	254	254	108	42	110	12	37	160	15	M16×36	350	300	250	4-Φ19	5	320	330	255	415	760
180M	279	241	121	48	110	14	42.5	180	15	M16×36	350	300	250	4-Φ19	5	355	352	265	445	770
180L	279	279	121	48	110	14	42.5	180	15	M16×36	350	300	250	4-Φ19	5	355	352	265	445	800
200L	318	305	133	55	110	16	49	200	19	M20×42	400	350	300	4-Φ19	5	395	394	315	515	860
225S(4-8P)	356	286	149	60	140	18	53	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	830
225M(2P)	356	311	149	55	110	16	49	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	830
225M(4-8P)	356	311	149	60	140	18	53	225	19	M20×42	450	400	350	8-Φ19	5	435	442	335	560	860
250M(2P)	406	349	168	60	140	18	53	250	24	M20×42	550	500	450	8-Φ19	5	490	481	375	625	990
250M(4-8P)	406	349	168	65	140	18	58	250	24	M20×42	550	500	450	8-Φ19	5	490	481	375	625	990
280S(2P)	457	368	190	65	140	18	58	280	24	M20×42	550	500	450	8-Φ19	5	550	550	400	680	990
280M(2P)	457	419	190	65	140	18	58	280	24	M20×42	550	500	450	8-Φ19	5	550	550	400	680	1040
280S(4-8P)	457	368	190	75	140	20	67.5	280	24	M20×42	550	500	450	8-Φ19	5	550	550	400	680	990
280M(4-8P)	457	419	190	75	140	20	67.5	280	24	M20×42	550	500	450	8-Φ19	5	550	550	400	680	1040
315S(2P)	508	406	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1180
315M(2P)	508	457	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1290
315L(2P)	508	508	216	65	140	18	58	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1290
315S(4-10P)	508	406	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1210
315M(4-10P)	508	457	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1320
315L(4-10P)	508	508	216	80	170	22	71	315	28	M20×42	660	600	550	8-Φ24	6	635	600	540	855	1320
355M(2P)	610	560	254	75	140	20	67.5	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1500
355L(2P)	610	630	254	75	140	20	67.5	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1500
355M(4-10P)	610	560	254	95	170	25	86	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1530
355L(4-10P)	610	630	254	95	170	25	86	355	28	M20×42	800	740	680	8-Φ24	6	730	710	655	1010	1530

HMEJ(DC)系列电磁制动三相异步电动机

HMEJ(DC) Series Electromagnetic Braking
Three-phase Asynchronous Motor



HMEJ(DC)系列电磁制动三相异步电动机由三相异步电动机和直流电磁制动器组成，具有启动转矩大、结构紧凑、制动迅速、运行可靠等特点，可适用于要求快速停止、准确定位、反复运转、频繁启动、防止滑行的各类机械设备中作为动力，如升降机械、包装机械、纺织机械、传输设备、风电设备等。电机设计有手动释放结构，既可以电磁制动，又可以手动操作，方便用户调试和使用。

HMEJ(DC) series brake motors are composed of three-phase asynchronous motors and DC electromagnetic brake. They have a lot of features such as large starting torque, compact structure, fast braking and high reliability. The brake motor are suitable for the machines that required prompt braking, accurate positioning, reciprocating operation, frequent starting and anti-sliding. They are widely used in elevating machinery, packing machinery, textile machinery, transmission parts and wind-power parts etc. The motor has a manual release device, which allows the brake a junction of both manual release and electromagnetic release and is convenient for operation.

使用条件 / Operating Conditions

额定电压：380V, 400V, 415V，其他可定制	Rated Voltage: 380V, 400V, 415V, or be customized
额定频率：50Hz或者60Hz	Rated Frequency: 50Hz or 60Hz
工作方式：S1连续工作制或者S3-60%	Duty Type: S1 Continuous or S3-60%
绝缘等级：F级（B级温升，≤80K）	Insulation Class: Class F(Temperature Rise B, ≤80K)
防护等级：IP54或者IP55	Protection Class: IP54 or IP55
环境温度：-15~40℃	Ambient Temperature: -15~40℃
海拔：不超过1000米	Altitude: Up to 1000m Above Sea Level
相对湿度：≤95%	Relative Humidity: Less than 95%
制动器额定电压：3kW及以下DC 99V（AC 380V） 4kW及以上DC 170V（AC 380V）	Voltage of Brake: DC 99V for 3kW and below (AC 380V) DC 170V for 4kW and above (AC 380V)

HMEJ(DC)系列电磁制动三相异步电动机

HMEJ(DC) SERIES ELECTROMAGNETIC BRAKING THREE-PHASE ASYNCHRONOUS MOTOR



技术参数 / Technical Data

2 Pole 3000RPM 380V/50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current rpm	效率η Efficiency (%)	功率因数 Power factor cosφ	额定转矩 Rated Torque (N.m)	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	制动力矩 Braking Torque (N.m)	制动时间 Braking Time (s)	制动功率 Braking Power (W)	重量 Weight (kg)
	kW	Hp												
HMEJ-63M1-2	0.18	0.25	2720	0.53	60.4	0.80	0.63	2.2	2.2	5.5	2	0.2	25	12
HMEJ-63M2-2	0.25	0.37	2720	0.69	64.8	0.81	0.88	2.2	2.2	5.5	2	0.2	25	13
HMEJ-71M1-2	0.37	0.5	2740	0.99	69.5	0.81	1.29	2.2	2.2	6.1	4	0.2	30	14
HMEJ-71M2-2	0.55	0.75	2740	1.4	74.1	0.82	1.92	2.2	2.3	6.1	4	0.2	30	15
HMEJ-80M1-2	0.75	1	2845	1.83	77.4	0.83	2.52	2.2	2.3	6.1	7.5	0.2	40	17
HMEJ-80M2-2	1.1	1.5	2840	2.58	79.6	0.84	3.70	2.2	2.3	7.0	7.5	0.2	40	18
HMEJ-90S-2	1.5	2	2840	3.43	81.3	0.84	5.04	2.2	2.3	7.0	15	0.2	50	23
HMEJ-90L-2	2.2	3	2840	4.85	83.2	0.85	7.40	2.2	2.3	7.0	15	0.2	50	26
HMEJ-100L-2	3	4	2860	6.31	84.6	0.87	10.02	2.2	2.3	7.5	30	0.2	65	37
HMEJ-112M-2	4	5.5	2880	8.10	85.8	0.88	13.3	2.2	2.3	7.5	40	0.25	70	45
HMEJ-132S1-2	5.5	7.5	2900	11	87.0	0.88	18.1	2.2	2.3	7.5	75	0.25	95	69
HMEJ-132S2-2	7.5	10	2900	14.9	88.1	0.88	24.7	2.2	2.3	7.5	75	0.25	95	72
HMEJ-160M1-2	11	15	2930	21.3	89.4	0.89	35.9	2.2	2.3	7.5	150	0.35	110	120
HMEJ-160M2-2	15	20	2930	28.8	90.3	0.89	48.9	2.2	2.3	7.5	150	0.35	110	130
HMEJ-160L-2	18.5	25	2930	34.7	90.9	0.90	60.3	2.2	2.3	7.5	150	0.35	110	149
HMEJ-180M-2	22	30	2940	40.8	91.3	0.90	71.5	2.0	2.3	7.5	200	0.35	150	189
HMEJ-200L1-2	30	40	2950	55.3	92.0	0.90	97.1	2.0	2.3	7.5	300	0.45	200	243
HMEJ-200L2-2	37	50	2950	67.6	92.5	0.90	119.8	2.0	2.3	7.5	300	0.45	200	267
HMEJ-225M-2	45	60	2970	82	92.9	0.90	145.2	2.0	2.3	7.5	450	0.45	200	323
HMEJ-250M-2	55	75	2970	98	93.2	0.90	177.2	2.0	2.3	7.5	550	0.5	300	401
HMEJ-280S-2	75	100	2970	134	93.8	0.90	241.2	2.0	2.3	7.0	900	0.5	300	533
HMEJ-280M-2	90	125	2970	158	94.1	0.91	289.4	2.0	2.3	7.1	900	0.5	300	568

4 Pole 1500RPM 380V/50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current rpm	效率η Efficiency (%)	功率因数 Power factor cosφ	额定转矩 Rated Torque (N.m)	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	制动力矩 Braking Torque (N.m)	制动时间 Braking Time (s)	制动功率 Braking Power (W)	重量 Weight (kg)
	kW	Hp												
HMEJ-63M1-4	0.12	0.18	1310	0.44	59.1	0.72	0.87	2.1	2.2	4.4	2	0.2	25	13
HMEJ-63M2-4	0.18	0.25	1310	0.62	64.7	0.73	1.31	2.1	2.2	4.4	2	0.2	25	14
HMEJ-71M1-4	0.25	0.37	1330	0.79	68.5	0.74	1.8	2.1	2.2	5.2	4	0.2	30	15
HMEJ-71M2-4	0.37	0.5	1330	1.12	72.7	0.75	2.66	2.1	2.2	5.2	4	0.2	30	16
HMEJ-80M1-4	0.55	0.75	1390	1.57	77.1	0.75	3.78	2.4	2.3	5.2	7.5	0.2	40	17
HMEJ-80M2-4	0.75	1	1390	2.03	79.6	0.76	5.15	2.3	2.3	6.0	7.5	0.2	40	18
HMEJ-90S-4	1.1	1.5	1380	2.89	81.4	0.77	7.56	2.3	2.3	6.0	15	0.2	50	22
HMEJ-90L-4	1.5	2	1390	3.07	82.8	0.79	10.3	2.3	2.3	6.0	15	0.2	50	27
HMEJ-100L1-4	2.2	3	1390	5.16	84.3	0.81	15.1	2.3	2.3	7.0	30	0.2	65	30
HMEJ-100L2-4	3	4	1410	6.78	85.5	0.82	20.3	2.3	2.3	7.0	30	0.2	65	38
HMEJ-112M-4	4	5.5	1410	8.80	86.6	0.82	27.1	2.3	2.3	7.0	40	0.25	70	48
HMEJ-132S-4	5.5	7.5	1435	11.7	87.7	0.83	36.6	2.3	2.3	7.0	75	0.25	95	71
HMEJ-132M-4	7.5	10	1440	15.6	88.7	0.84	49.7	2.3	2.3	7.0	75	0.25	95	83
HMEJ-160M-4	11	15	1440	22.3	89.8	0.84	73.0	2.2	2.3	7.0	150	0.35	110	128
HMEJ-160L-4	15	20	1460	30.1	90.6	0.85	98.1	2.2	2.3	7.0	150	0.35	110	142
HMEJ-180M-4	18.5	25	1470	38.9	91.2	0.86	121.0	2.2	2.3	8.0	200	0.35	150	184
HMEJ-180L-4	22	30	1470	42.6	91.6	0.86	142.9	2.2	2.3	8.0	200	0.35	150	197
HMEJ-200L-4	30	40	1470	57.4	92.3	0.86	194.9	2.2	2.3	7.0	300	0.45	200	264
HMEJ-225S-4	37	50	1480	69.6	92.7	0.87	240.4	2.2	2.3	7.0	450	0.45	200	303
HMEJ-225M-4	45	60	1480	84.3	93.1	0.87	291.4	2.2	2.3	7.0	450	0.45	200	337
HMEJ-250M-4	55	75	1480	101	93.5	0.87	356.1	2.2	2.3	7.0	550	0.5	300	418
HMEJ-280S-4	75	100	1480	138	94	0.87	484.0	2.2	2.3	7.0	900	0.5	300	546
HMEJ-280M-4	90	125	1480	165	94.2	0.87	289.4	2.2	2.3	7.0	900	0.5	300	638

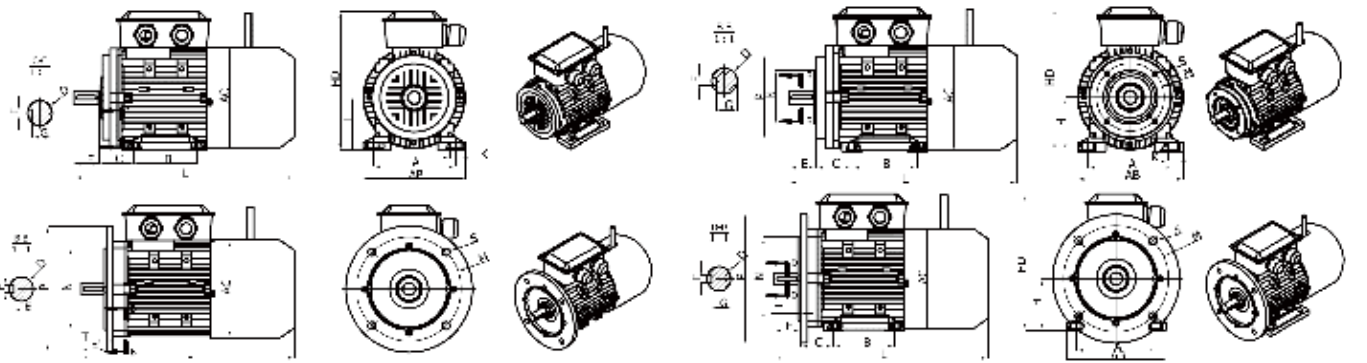
技术参数 / Technical Data

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current rpm	效率η Efficiency (%)	功率因数 Power factor cosφ	额定转矩 Rated Torque (N.m)	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	制动力矩 Braking Torque (N.m)	制动时间 Braking Time (s)	制动功率 Braking Power (W)	重量 Weight (kg)
	kW	Hp												
HMEJ-71M1-6	0.18	0.25	850	0.74	56.6	0.66	2.02	1.9	2.0	4.0	4	0.2	30	9.5
HMEJ-71M2-6	0.25	0.37	850	0.95	61.6	0.68	2.81	1.9	2.0	4.0	4	0.2	30	11
HMEJ-80M1-6	0.37	0.5	885	1.3	67.6	0.70	3.99	1.9	2.0	4.7	7.5	0.2	40	17
HMEJ-80M2-6	0.55	0.75	885	1.79	73.1	0.72	5.94	1.9	2.1	4.7	7.5	0.2	40	19
HMEJ-90S-6	0.75	1	910	2.29	75.9	0.72	7.87	2.0	2.1	5.5	15	0.2	50	22
HMEJ-90L-6	1.1	1.5	910	3.18	78.1	0.72	11.5	2.0	2.1	5.5	15	0.2	50	26
HMEJ-100L-6	1.5	2	920	3.94	79.8	0.75	15.6	2.0	2.1	6.5	30	0.2	65	34
HMEJ-112M-6	2.2	3	935	5.60	81.8	0.76	22.5	2.0	2.1	6.5	40	0.25	70	42
HMEJ-132S-6	3	4	960	7.40	83.3	0.76	29.8	2.1	2.1	6.5	75	0.25	95	68
HMEJ-132SM1-6	4	5.5	960	9.80	84.6	0.76	39.8	2.1	2.1	6.5	75	0.25	95	79
HMEJ-132SM2-6	5.5	7.5	960	12.9	86.0	0.77	54.7	2.1	2.1	6.5	75	0.25	95	87
HMEJ-160M-6	7.5	10	970	17	87.2	0.78	73.8	2.0	2.1	6.5	150	0.35	110	122
HMEJ-160L-6	11	15	970	24.2	88.7	0.78	108.3	2.0	2.1	6.5	150	0.35	110	141
HMEJ-180L-6	15	20	970	31.5	89.7	0.81	147.7	2.0	2.1	7.0	200	0.35	150	195
HMEJ-200L1-6	18.5	25	980	38.4	90.4	0.81	180.3	2.1	2.1	7.0	300	0.45	200	217
HMEJ-200L2-6	22	30	980	44.5	90.9	0.83	214.4	2.2	2.1	7.0	300	0.45	200	240
HMEJ-225M-6	30	40	980	59.1	91.7	0.84	292.3	2.0	2.1	7.0	450	0.45	200	323
HMEJ-250M-6	37	50	980	70.9	92.2	0.86	360.6	2.1	2.1	7.0	550	0.5	300	380
HMEJ-280S-6	45	60	980	85.8	92.7	0.86	438.5	2.1	2.1	7.0	900	0.5	300	489
HMEJ-280M-6	55	75	980	104	93.1	0.86	536.0	2.1	2.1	7.0	900	0.5	300	550

8 Pole 750RPM 380V/50Hz

型号 Type	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current rpm	效率η Efficiency (%)	功率因数 Power factor cosφ	额定转矩 Rated Torque (N.m)	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	制动力矩 Braking Torque (N.m)	制动时间 Braking Time (s)	制动功率 Braking Power (W)	重量 Weight (kg)
	kW	Hp												
HMEJ-80M1-8	0.18	0.25	645	0.88	45.9	0.61	2.67	1.8	1.9	3.3	7.5	0.2	40	17
HMEJ-80M2-8	0.25	0.37	645	1.15	50.6	0.61	3.70	1.8	1.9	3.3	7.5	0.2	40	19
HMEJ-90S-8	0.37	0.5	670	1.49	56.1	0.61	5.27	1.8	1.9	4.0	15	0.2	50	23
HMEJ-90L-8	0.55	0.75	670	2.18	61.7	0.61	7.84	1.8	2.0	4.0	15	0.2	50	25
HMEJ-100L1-8	0.75	1	680	2.17	66.2	0.67	10.5	1.8	2.0	4.0	30	0.2	65	33
HMEJ-100L2-8	1.1	1.5	680	2.39	70.8	0.69	15.4	1.8	2.0	5.0	30	0.2	65	38
HMEJ-112M-8	1.5	2	690	4.50	74.1	0.69	20.8	1.8	2.0	5.0	40	0.25	70	50
HMEJ-132S-8	2.2	3	705	6.00	77.6	0.71	29.8	1.8	2.0	6.0	75	0.25	95	63
HMEJ-132M-8	3	4	705	7.90	80.0	0.73	40.6	1.8	2.0	6.0	75	0.25	95	79
HMEJ-160M1-8	4	5.5	720	10.3	81.9	0.73	53.1	1.9	2.0	6.0	150	0.35	110	110
HMEJ-160M2-8	5.5	7.5	720	13.6	83.8	0.74	73.0	2.0	2.0	6.0	150	0.35	110	119
HMEJ-160L-8	7.5	10	720	17.8	85.3	0.75	73.0	2.0	2.0	6.0	150	0.35	110	145
HMEJ-180L-8	11	15	730	25.1	86.9	0.76	143.9	2.0	2.0	6.6	200	0.35	150	193
HMEJ-200L-8	15	20	730	34.0	88.0	0.76	196.2	2.0	2.0	6.6	300	0.45	200	250
HMEJ-225S-8	18.5	25	730	40.9	88.6	0.76	242.0	1.9	2.0	6.6	450	0.45	200	261
HMEJ-225M-8	22	30	740	47.1	89.1	0.78	287.8	1.9	2.0	6.6	450	0.45	200	283
HMEJ-250M-8	30	40	740	63.2	89.8	0.79	389.8	1.9	2.0	6.6	550	0.5	300	394
HMEJ-280S-8	37	50	740	77.5	90.3	0.79	480.7	1.9	2.0	6.6	900	0.5	300	480
HMEJ-280M-8	45	60	740	93.9	90.7	0.79	584.7	1.9	2.0	6.6	900	0.5	300	539

HMEJ(DC)安装尺寸 / Mounting Dimensions



机座号 Frame Size	安装尺寸 Mounting Dimensions																				外型尺寸 Overall Dimensions				
											B14					B5									
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T	P	M	N	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	4Φ7	M4X12	75	60	90	4-M5	2.5	115	95	140	10	3	130	120	113	176	258
71	112	90	45	14	30	5	11	71	4Φ7	M5X12	85	70	105	4-M6	2.5	130	110	160	10	3.5	144	136	119	190	290
80	125	100	50	19	40	6	15.5	80	4Φ10	M6X16	100	80	120	4-M6	3	165	130	200	12	3.5	160	155	131	211	330
90S	140	100	56	24	50	8	20	90	4Φ10	M8X19	115	95	140	4-M8	3	165	130	200	12	3.5	174	175	149	239	376
90L	140	125	56	24	50	8	20	90	4Φ10	M8X19	115	95	140	4-M8	3	165	130	200	12	3.5	174	175	149	239	391
100L	160	140	63	28	60	8	24	100	4Φ12	M10X22	130	110	160	4-M8	3.5	215	180	250	14.5	4	200	195	162	262	434
112M	190	140	70	28	60	8	24	112	4Φ12	M10X22	130	110	160	4-M8	3.5	215	180	250	14.5	4	226	221	174	286	468
132S	216	140	89	38	80	10	33	132	4Φ12	M12X28	165	130	200	4-M10	3.5	265	230	300	14.5	4	262	258	202	334	580
132M	216	178	89	38	80	10	33	132	4Φ12	M12X28	165	130	200	4-M10	3.5	265	230	300	14.5	4	262	258	202	334	620
160M	254	210	108	42	110	12	37	160	4Φ14.5	M16X36						300	250	350	18.5	5	314	314	249	409	723
160L	254	254	108	42	110	12	37	160	4Φ14.5	M16X36						300	250	350	18.5	5	314	314	249	409	767
180M	279	241	121	48	110	14	42.5	180	4Φ14.5	M16X36						300	250	350	18.5	5	349	356	282	462	803
180L	279	279	121	48	110	14	42.5	180	4Φ14.5	M16X36						300	250	350	18.5	5	349	356	282	462	841
200L	318	305	133	55	110	16	49	200	4Φ18.5	M20X42						350	300	400	18.5	5	388	398	305	505	900
225S(4-8P)	356	286	149	60	140	18	53	225	4Φ18.5	M20X42						400	350	450	18.5	5	435	446	335	560	955
225M(2P)	356	311	149	55	110	16	49	225	4Φ18.5	M20X42						400	350	450	18.5	5	435	446	335	560	960
225M(4-8P)	356	311	149	60	140	18	53	225	4Φ18.5	M20X42						400	350	450	18.5	5	435	446	335	560	985
250M(2P)	406	349	168	60	140	18	53	250	4Φ24	M20X42						500	450	550	18.5	5	484	510	365	615	1075
250M(4-8P)	406	349	168	65	140	18	58	250	4Φ24	M20X42						500	450	550	18.5	5	484	510	365	615	1075
280S(2P)	457	368	190	65	140	18	58	280	4Φ24	M20X42						500	450	550	18.5	5	542	580	400	665	1135
280S(4-8P)	457	368	190	75	140	20	67.5	280	4Φ24	M20X42						500	450	550	18.5	5	542	580	400	665	1135
280M(2P)	457	419	190	65	140	18	58	280	4Φ24	M20X42						500	450	550	18.5	5	542	580	400	665	1186
280M(4-8P)	457	419	190	75	140	20	67.5	280	4Φ24	M20X42						500	450	550	18.5	5	542	580	400	665	1186

HMVP系列变频调速三相异步电动机

HMVP SERIES FREQUENCY-VARIABLE
THREE-PHASE ASYNCHRONOUS MOTOR



HMVP系列变频调速电动机适用于由变频器供电，在变频调速系统中运行的专用电动机，该电机采用鼠笼型结构，运行可靠，维护方便，并配有独立的冷却风机，保证电机在不同转速下均有良好的冷却效果。该系列电机功率范围为0.12kW~315kW，机座中心高63~355。

HMVP系列电机具有高效节能、调速范围宽、噪音低、振动小等优点以及低速恒转速输出、高速恒功率输出的机械特性。电机安装尺寸和功率等级完全符合IEC标准，通用性和互换性好，配合高精度传感器，可实现高精度闭环控制。电机可广泛应用于机床、冶金、纺织、运输、化工、矿山等行业。

HMVP series variable frequency speed regulation motors are suitable for special motors powered by frequency converters and running in frequency conversion speed regulation systems. The motor adopts a squirrel-cage structure, which is reliable in operation and easy to maintain. It has a good cooling effect at all speeds. The power range is 0.12kW~315kW, and the frame size is H63~ H355.

HMVP series motors have the advantages of high efficiency and energy saving, wide speed range, low noise, small vibration, as well as the mechanical characteristics of low-speed constant speed output and high-speed constant power output. The installation size and power level of the motor are in full compliance with IEC standards, with good versatility and interchangeability. The motor can be widely used in machine tool, metallurgy, textile, transportation, chemical industry, mining and other industries.

使用条件 / Operating Conditions

额定电压：380V, 400V, 415V，其他可定制	Rated Voltage: 380V, 400V, 415V, or be customized
额定频率：50Hz	Rated Frequency: 50Hz
工作方式：S1连续工作制	Duty Type: S1 Continuous
绝缘等级：F级（B级温升，≤80K）	Insulation Class: Class F(Temperature Rise B, ≤80K)
防护等级：IP54或者IP55	Protection Class: IP54 or IP55
环境温度：-15~40℃	Ambient Temperature: -15~40℃
海拔：不超过1000米	Altitude: Up to 1000m Above Sea Level
冷却方式：IC416	Cooling Method: IC416
接法：55kW及以下电机为Y接法 75kW及以上电机为△接法	Connection: Star for 55kW and below Delta for 75kW and above

技术参数 / Technical Data —380V

型号 Type	额定功率 Rated Output		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	恒转矩频率范围 Frequency Range with Constant Torque	恒功率频率范围 Frequency Range with Constant Output
	kW	HP							
HMVP-63M1-4	0.12	0.18	0.44	0.87	2.1	2.2	4.4	5-50Hz	50-100Hz
HMVP-63M2-4	0.18	0.25	0.62	1.31	2.1	2.2	4.4		
HMVP-71M1-4	0.25	0.37	0.79	1.8	2.1	2.2	5.2		
HMVP-71M2-4	0.37	0.5	1.12	2.66	2.1	2.2	5.2		
HMVP-80M1-4	0.55	0.75	1.57	3.78	2.4	2.3	5.2		
HMVP-80M2-4	0.75	1	2.03	5.15	2.3	2.3	6.0		
HMVP-90S-4	1.1	1.5	2.89	7.56	2.3	2.3	6.0		
HMVP-90L-4	1.5	2	3.07	10.3	2.3	2.3	6.0		
HMVP-100L1-4	2.2	3	5.16	15.1	2.3	2.3	7.0		
HMVP-100L2-4	3	4	6.78	20.3	2.3	2.3	7.0		
HMVP-112M-4	4	5.5	8.80	27.1	2.3	2.3	7.0		
HMVP-132S-4	5.5	7.5	11.7	36.6	2.3	2.3	7.0		
HMVP-132M-4	7.5	10	15.6	49.7	2.3	2.3	7.0		
HMVP-160M-4	11	15	22.3	73.0	2.2	2.3	7.0		
HMVP-160L-4	15	20	30.1	98.1	2.2	2.3	7.0		
HMVP-180M-4	18.5	25	38.9	121.0	2.2	2.3	8.0		
HMVP-180L-4	22	30	42.6	142.9	2.2	2.3	8.0		
HMVP-200L-4	30	40	57.4	194.9	2.2	2.3	7.0		
HMVP-225S-4	37	50	69.6	240.4	2.2	2.3	7.0		
HMVP-225M-4	45	60	84.3	291.4	2.2	2.3	7.0		
HMVP-250M-4	55	75	101	356.1	2.2	2.3	7.0		
HMVP-280S-4	75	100	138	484.0	2.2	2.3	7.0		
HMVP-280M-4	90	125	165	580.7	2.2	2.3	7.0		
HMVP-315S-4	110	150	201	707.4	2.0	2.2	7.0		
HMVP-315M-4	132	180	240	848.9	2.0	2.2	7.0		
HMVP-315L1-4	160	200	288	1029	2.0	2.2	7.1		
HMVP-315L2-4	200	270	359	1286.2	2.0	2.2	7.1		
HMVP-355M-4	250	340	444	1602.3	2.0	2.2	7.1		
HMVP-355L-4	315	430	559	2019	2.0	2.2	7.1		

型号 Type	额定功率 Rated Output		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	恒转矩频率范围 Frequency Range with Constant Torque	恒功率频率范围 Frequency Range with Constant Output
	kW	HP							
HMVP-71M1-6	0.18	0.25	0.74	2.02	1.9	2.0	4.0	5-50Hz	50-100Hz
HMVP-71M2-6	0.25	0.37	0.95	2.81	1.9	2.0	4.0		
HMVP-80M1-6	0.37	0.5	1.3	3.99	1.9	2.0	4.7		
HMVP-80M2-6	0.55	0.75	1.79	5.94	1.9	2.1	4.7		
HMVP-90S-6	0.75	1	2.29	7.87	2.0	2.1	5.5		
HMVP-90L-6	1.1	1.5	3.18	11.5	2.0	2.1	5.5		
HMVP-100L-6	1.5	2	3.94	15.6	2.0	2.1	6.5		
HMVP-112M-6	2.2	3	5.60	22.5	2.0	2.1	6.5		
HMVP-132S-6	3	4	7.40	29.8	2.1	2.1	6.5		
HMVP-132SM1-6	4	5.5	9.80	39.8	2.1	2.1	6.5		
HMVP-132SM2-6	5.5	7.5	12.9	54.7	2.1	2.1	6.5		
HMVP-160M-6	7.5	10	17	73.8	2.0	2.1	6.5		
HMVP-160L-6	11	15	24.2	108.3	2.0	2.1	6.5		
HMVP-180L-6	15	20	31.5	147.7	2.0	2.1	7.0		
HMVP-200L1-6	18.5	25	38.4	180.3	2.1	2.1	7.0		
HMVP-200L2-6	22	30	44.5	214.4	2.2	2.1	7.0		
HMVP-225M-6	30	40	59.1	292.3	2.0	2.1	7.0		
HMVP-250M-6	37	50	70.9	360.6	2.1	2.1	7.0		
HMVP-280S-6	45	60	85.8	438.5	2.1	2.1	7.0		
HMVP-280M-6	55	75	104	536.0	2.1	2.1	7.0		
HMVP-315S-6	75	100	141	727.2	2.0	2.0	6.5		
HMVP-315M-6	90	125	169	872.6	2.0	2.0	6.6		
HMVP-315L1-6	110	150	206	1066.5	2.0	2.0	6.6		
HMVP-315L2-6	132	180	244	1279	2.0	2.0	6.6		
HMVP-355M1-6	160	200	291	1543	1.8	2.0	6.8		
HMVP-355M2-6	200	270	363	1929	1.8	2.0	6.8		
HMVP-355L-6	250	340	454	2412.0	1.8	2.0	6.8		

HMD系列变极多速三相异步电动机

HMD SERIES MULTI-SPEED THREE-PHASE ASYNCHRONOUS MOTOR



HMD系列变极多速三相异步电动机是HM系列三相异步电动机的衍生产品，采用单绕组或双独立绕组实现转速变换，具有体积小、重量轻、噪音低、启动性能好、运行可靠、维护方便等特点。该系列电机主要技术指标达到IEC标准，安装尺寸及外形尺寸与HM系列电机完全一致。该系列电机广泛应用于各类需要有极调速的机械设备，可降低整机噪音、节约能源、并使整体结构紧凑。

HMD/HMDT Series 3 phase multispeed Electric Motor derives from HM series motor, and it switches poles and output power by transforming the joint mode of winding to matching to the load performance of mechanical equipment. It complies with IEC standard on noise, start torque, vibration value and mounting and overall dimensions. The motors are characteristic in small size, light, stable, firm structure, good appearance and so on.

使用条件 / Operating Conditions

额定电压：380V, 400V, 415V, 其他可定制	Rated Voltage: 380V, 400V, 415V, or be customized
额定频率：50Hz或者60Hz	Rated Frequency: 50Hz or 60Hz
工作方式：S1连续工作制	Duty Type: S1 Continuous
绝缘等级：F级（B级温升，≤80K）	Insulation Class: Class F(Temperature Rise B, ≤80K)
防护等级：IP54或者IP55	Protection Class: IP54 or IP55
环境温度：-15~40℃	Ambient Temperature: -15~40℃
海拔：不超过1000米	Altitude: Up to 1000m Above Sea Level
冷却方式：IC411	Cooling Method: IC411

HMD系列变极多速三相异步电动机 HMD SERIES MULTI-SPEED THREE-PHASE ASYNCHRONOUS MOTOR



技术参数 / Technical Data

型号 Type	额定功率 Output (kw)	额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)		堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
					380V	400V			
HMD80M1-4/2	0.45/0.55	1420/2860	66/65	0.74/0.85	1.4/1.52	1.33/1.44	6.5/7.0	1.5/1.7	1.8
HMD80M2-4/2	0.55/0.75	1420/2860	68/66	0.74/0.85	1.66/2.02	1.58/1.92	6.5/7.0	1.6/1.8	1.8
HMD90S-4/2	0.85/1.1	1430/2850	74/71	0.77/0.85	2.26/2.77	2.15/2.63	6.5/7.0	1.8/1.9	1.8
HMD90L-4/2	1.3/1.8	1430/2850	76/73	0.78/0.85	3.33/4.41	3.16/4.19	6.5/7.0	1.8/2.0	1.8
HMD100L1-4/2	2/2.4	1430/2850	78/76	0.81/0.86	4.81/5.58	4.57/5.3	6.5/7.0	1.7/1.9	1.8
HMD100L2-4/2	2.4/3	1430/2850	79/77	0.83/0.89	5.99/6.65	5.69/6.32	6.5/7.0	1.6/1.7	1.8
HMD112M-4/2	3.3/4	1450/2860	82/79	0.83/0.89	7.37/8.64	7.0/8.21	6.5/7.0	1.9/2.0	1.8
HMD132S-4/2	4.5/5.5	1450/2860	83/79	0.84/0.89	9.81/11.9	9.32/11.3	6.5/7.0	1.7/1.8	1.8
HMD132M-4/2	6.5/8	1450/2880	84/80	0.85/0.89	14.6/17.1	13.9/16.2	6.5/7.0	1.7/1.8	1.8
HMD160M-4/2	9.0/11	1460/2920	87/82	0.85/0.89	18.5/22.8	17.6/21.7	6.5/7.0	1.6/1.8	1.8
HMD160L-4/2	11/14	1460/2920	87/82	0.86/0.9	22.3/28.8	21.2/27.4	6.5/7.0	1.7/1.9	1.8
HMD180M-4/2	15/18.5	1470/2940	89/85	0.87/0.9	29.4/36.7	27.9/34.9	6.5/7.0	1.8/1.9	1.8
HMD180L-4/2	18.5/22	1470/2940	89/86	0.88/0.91	35.9/42.7	34.1/40.6	6.5/7.0	1.6/1.8	1.8
HMD200L-4/2	26/30	1470/2950	89/85	0.89/0.92	52.2/58.3	49.6/55.4	6.5/7.0	1.4/1.6	1.8
HMD225S-4/2	32/37	1480/2960	90/84	0.89/0.92	60.7/72.7	57.7/69.1	6.5/7.0	1.4/1.6	1.8
HMD225M-4/2	37/45	1480/2960	91/86	0.89/0.92	69.4/86.4	65.9/82.1	6.5/7.0	1.6/1.6	1.8
HMD250M-4/2	45/52	1480/2960	91/87	0.89/0.92	84.4/98.7	80.2/93.6	6.5/7.0	1.6/1.6	1.8
HMD280S-4/2	60/72	1480/2970	91/88	0.9/0.92	112/135	106/128	6.5/7.0	1.4/1.5	1.8
HMD280M-4/2	72/82	1480/2970	91/88	0.9/0.93	134/153	127/145	6.5/7.0	1.4/1.5	1.8

型号 Type	额定功率 Output (kw)	额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)		堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
					380V	400V			
HMD90S-6/4	0.65/0.85	920/1420	64/70	0.68/0.79	2.27/2.34	2.16/2.22	6/6.5	1.6/1.4	1.8
HMD90L-6/4	0.85/1.1	930/1420	66/71	0.70/0.79	2.80/3.36	2.66/3.19	6/6.5	1.6/1.5	1.8
HMD100L1-6/4	1.3/1.8	940/1440	74/77	0.70/0.80	3.79/4.42	3.60/4.20	6/6.5	1.7/1.4	1.8
HMD100L2-6/4	1.5/2.2	940/1440	75/77	0.70/0.80	3.95/5.42	3.75/5.15	6/6.5	1.6/1.4	1.8
HMD112M-6/4	2.2/2.8	960/1440	78/77	0.75/0.82	5.72/6.74	5.43/6.40	6/6.5	1.8/1.5	1.8
HMD132S-6/4	3/4	960/1440	79/78	0.75/0.82	7.58/8.84	7.20/8.40	6/6.5	1.8/1.7	1.8
HMD132M-6/4	4/5.5	960/1440	82/80	0.76/0.85	9.79/12.0	9.30/11.4	6/6.5	1.6/1.4	1.8
HMD160M-6/4	6.5/8	970/1460	84/82	0.78/0.84	14.7/16.5	14.0/15.7	6/6.5	1.5/1.5	1.8
HMD160L-6/4	9/11	970/1460	85/83	0.78/0.85	20.2/22.4	19.2/21.3	6/6.5	1.6/1.7	1.8
HMD180M-6/4	11/14	980/1470	85/84	0.76/0.85	25.9/29.8	24.6/28.3	6/6.5	1.6/1.7	1.8
HMD180L-6/4	13/16	980/1470	86/85	0.78/0.85	29.3/32.8	27.8/31.2	6/6.5	1.7/1.7	1.8
HMD200L-6/4	18.5/22	980/1460	87/86.5	0.78/0.86	40.3/43.8	38.3/41.6	6.5/7.0	1.6/1.5	1.8
HMD225S-6/4	22/28	980/1470	88/86.5	0.86/0.87	44.1/56.5	41.9/53.7	6.5/7.0	1.8/1.8	1.8
HMD225M-6/4	26/32	980/1470	88/85.5	0.86/0.90	52.2/63.2	49.6/60.0	6.5/7.0	1.8/1.8	1.8
HMD250M-6/4	32/42	980/1470	90/86.5	0.87/0.91	62.1/81.1	59.0/77.0	6.5/7.0	1.5/1.3	1.8
HMD280S-6/4	42/55	980/1470	90/87	0.87/0.90	81.5/106	77.4/101	6.5/7.0	1.5/1.3	1.8
HMD280M-6/4	55/67	990/1480	90/87	0.87/0.89	106/132	101/125	6.5/7.0	1.6/1.3	1.8

技术参数 / Technical Data

型号 Type	额定功率 Output (kw)	额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)		堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
					380V	400V			
HMD90L-8/4	0.45/0.75	680/1420	58/72	0.63/0.87	1.94/1.82	1.84/1.73	5.5/6.5	1.6/1.4	1.8
HMD100L-8/4	0.85/1.5	700/1420	67/74	0.63/0.88	3.14/3.32	2.98/3.15	5.5/6.5	1.6/1.4	1.8
HMD112M-8/4	1.5/2.4	700/1420	72/78	0.63/0.88	5.02/5.31	4.75/5.04	5.5/6.5	1.7/1.7	1.8
HMD132S-8/4	2.2/3.3	720/1450	75/80	0.64/0.88	6.95/7.05	6.60/6.70	5.5/6.5	1.5/1.7	1.8
HMD132M-8/4	3/4.5	720/1440	78/82	0.65/0.89	8.74/9.05	8.30/8.60	5.5/6.5	1.5/1.6	1.8
HMD160M-8/4	5/7.5	730/1450	83/84	0.66/0.89	13.9/15.3	13.2/14.5	5.5/6.5	1.5/1.6	1.8
HMD160L-8/4	7/11	730/1450	85/86	0.66/0.89	19.0/21.8	18.0/20.7	5.5/6.5	1.5/1.6	1.8
HMD180L-8/4	11/17	730/1470	87/88	0.72/0.91	26.6/32.2	25.3/30.6	6.0/7.0	1.5/1.5	1.8
HMD200L1-8/4	14/22	740/1470	87/88	0.74/0.92	32.6/41.0	31.0/38.9	6.0/7.0	1.8/1.7	1.8
HMD200L2-8/4	17/26	740/1470	87/88	0.74/0.92	43.1/49.4	40.9/46.9	6.0/7.0	1.5/1.7	1.8
HMD225M-8/4	24/34	740/1470	89/88	0.77/0.88	51.5/65.2	48.9/61.9	6.0/7.0	1.5/1.5	1.8
HMD250M-8/4	30/42	740/1480	90/89	0.78/0.91	61.2/75.2	58.1/71.4	6.0/7.0	1.6/1.7	1.8
HMD280S-8/4	40/55	740/1480	91/90	0.80/0.91	81.9/99.8	77.8/94.8	6.0/7.0	1.6/1.7	1.8
HMD280M-8/4	47/67	740/1480	91/90	0.81/0.92	94.6/119	89.9/113	6.0/7.0	1.6/1.7	1.8

型号 Type	额定功率 Output (kw)	额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)		堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
					380V	400V			
HHMD90S-8/6	0.35/0.45	680/930	56/70	0.60/0.72	1.61/1.45	1.53/1.38	5.0/6.0	1.8/2.0	1.8
HMD90L-8/6	0.45/0.65	680/930	59/71	0.60/0.73	1.93/1.94	1.83/1.84	5.0/6.0	1.7/1.8	1.8
HMD100L-8/6	0.75/1.1	710/950	65/75	0.60/0.73	2.93/3.05	2.78/2.90	5.0/6.0	1.8/1.9	1.8
HMD112M-8/6	1.3/1.8	710/950	72/78	0.61/0.73	4.50/4.80	4.27/4.56	5.0/6.0	1.7/1.9	1.8
HMD132S-8/6	1.8/2.4	730/970	76/80	0.62/0.73	5.80/6.24	5.51/5.93	5.0/6.0	1.6/1.9	1.8
HMD132M-8/6	2.6/3.7	730/970	78/82	0.62/0.73	8.17/9.39	7.76/8.92	5.0/6.0	1.9/1.9	1.8
HMD160M-8/6	4.5/6	730/980	83/85	0.62/0.73	13.3/14.7	12.6/14.0	5.0/6.0	1.6/1.9	1.8
HMD160L-8/6	6/8	730/980	84/86	0.62/0.73	17.5/19.4	16.6/18.4	5.0/6.0	1.6/1.9	1.8
HMD180M-8/6	7.5/10	730/980	84/86	0.62/0.73	21.9/24.2	20.8/23.0	5.0/6.0	1.9/1.9	1.8
HMD180L-8/6	9/12	730/980	85/86	0.65/0.75	24.2/27.2	23.0/26.3	5.0/6.0	1.8/1.8	1.8
HMD200L1-8/6	12/17	730/980	86/87	0.65/0.76	29.2/35.4	27.7/33.6	5.0/6.0	1.8/2.0	1.8
HMD200L2-8/6	15/20	730/980	87/88	0.65/0.76	40.3/45.5	38.3/43.2	5.0/6.0	1.8/2.0	1.8



HMC/HMY/HML系列单相异步电动机

HMC/HMY/HML SERIES SINGLE-PHASE ASYNCHRONOUS MOTOR

单相异步电动机分为HMC系列单相电容启动异步电动机、HMY系列单相电容运转异步电动机和HML系列单相双值电容异步电动机，是我公司根据IEC和国家标准要求设计制造的产品。电机机壳和前后端盖采用铝合金压铸结构，底脚可拆卸，可任意更换多种安装方式，方便客户使用。

HMC/HMY/HML系列单相异步电动机性能优良，具有起动转矩大、噪音低、振动小、重量轻等特点，功率参数和安装尺寸符合IEC标准要求，可广泛应用于空压机、水泵、医疗器械、家用机械等。

Single Phase Asynchronous Motors are divided into HMC series single-phase capacitor start asynchronous motors, HMY series single-phase capacitor run asynchronous motors and HML series single-phase double-value capacitor asynchronous motors. According to IEC and national GB standards. The motor casing, front and rear end covers are made of aluminum die-casting structure, the feet are removable, and can be replaced in various installation ways according to customer request.

HMC/HMY/HML series single-phase asynchronous motors have excellent performance, featuring large starting torque, low noise, low vibration, and light weight. The power parameters and installation dimensions meet the requirements of IEC standards, and can be widely used in air compressors, water pumps, medical equipment, household machinery, etc.

使用条件 / Operating Conditions

额定电压：220V, 230V, 240V	Rated Voltage: 220V, 230V, 240V	防护等级：IP54或者IP55	IP55Protection Class: IP54 or IP55
额定频率：50Hz	Rated Frequency: 50Hz	环境温度：-15~40℃	Ambient Temperature: -15~40℃
工作方式：S1连续工作制	Duty Type: S1 Continuous	海拔：不超过1000米	Altitude: Up to 1000m Above Sea Level
绝缘等级：F级	Insulation Class: Class F	冷却方式：IC411	Cooling Method: IC411

技术参数 / Technical Data

HMC 50Hz

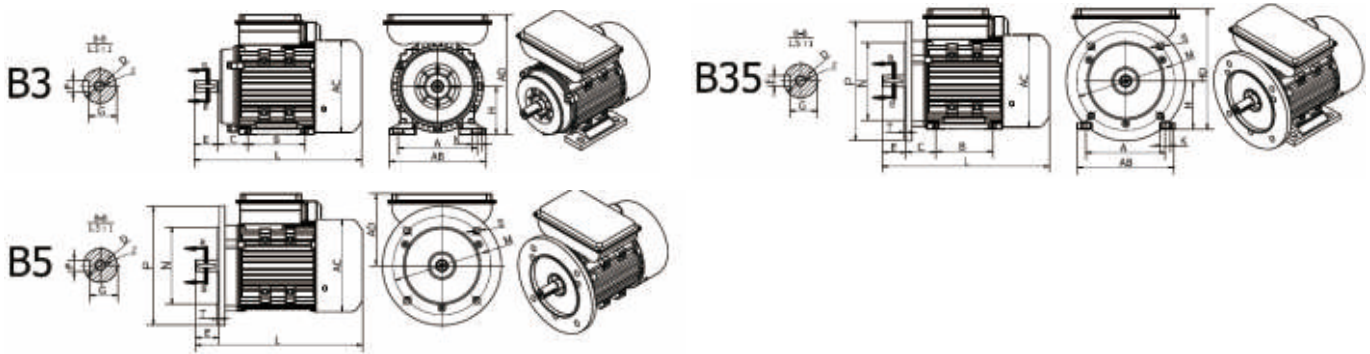
型号 Type	额定功率 Output(kw)		额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)			堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
	kW	HP				220V	230V	240V			
HMC-71M1-2	0.18	0.25	2750	60	0.72	1.89	1.81	1.74	3.0	1.8	6.3
HMC-71M2-2	0.25	0.37	2770	64	0.74	2.40	2.30	2.20	3.0	1.8	6.3
HMC-80M1-2	0.37	0.5	2800	65	0.77	3.36	3.21	3.08	2.8	1.8	6.3
HMC-80M2-2	0.55	0.75	2810	68	0.79	4.56	4.45	4.27	2.8	1.8	6.2
HMC-90S-2	0.75	1	2820	70	0.80	6.06	5.82	5.58	2.5	1.8	6.1
HMC-90L-2	1.1	1.5	2820	72	0.80	8.68	8.30	7.96	2.5	1.8	7.2
HMC-100L1-2	1.5	2	2830	74	0.81	11.4	10.9	10.4	2.5	1.8	7.2
HMC-100L2-2	2.2	3	2830	75	0.81	16.5	15.8	15.1	2.2	1.8	7.7
HMC-112M-2	3	4	2830	76	0.82	21.9	20.9	20.1	2.2	1.8	6.9
HMC-71M1-4	0.12	0.18	1350	50	0.58	1.88	1.80	1.72	3.0	1.8	4.8
HMC-71M2-4	0.18	0.25	1370	53	0.62	2.49	2.38	2.28	2.8	1.8	4.8
HMC-80M1-4	0.25	0.37	1400	58	0.63	3.11	2.97	2.85	2.8	1.8	4.8
HMC-80M2-4	0.37	0.5	1410	62	0.64	4.24	4.05	3.89	2.5	1.8	5.0
HMC-90S-4	0.55	0.75	1420	66	0.69	5.49	5.25	5.03	2.5	1.8	5.2
HMC-90L-4	0.75	1	1420	68	0.73	6.87	6.57	6.30	2.5	1.8	5.5
HMC-100L1-4	1.1	1.5	1430	71	0.74	9.52	9.10	8.72	2.5	1.8	6.4
HMC-100L2-4	1.5	2	1430	73	0.75	12.5	11.9	11.4	2.5	1.8	6.4
HMC-112M-4	2.2	3	1430	74	0.76	17.8	17.0	16.3	2.5	1.8	6.7

技术参数 / Technical Data

型号 Type	额定功率 Output(kw)		额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)			堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
	kW	HP				220V	230V	240V			
HML-71M1-2	0.37	0.5	2760	67	0.92	1.89	1.81	1.74	3.0	1.8	5.8
HML-71M2-2	0.55	0.75	2780	70	0.92	2.40	2.30	2.20	3.0	1.8	5.4
HML-80M1-2	0.75	1	2800	72	0.92	3.36	3.21	3.08	2.8	1.8	5.7
HML-80M2-2	1.1	1.5	2800	74	0.95	4.56	4.45	4.27	2.8	1.8	5.6
HML-90S-2	1.5	2	2800	75	0.95	6.06	5.82	5.58	2.5	1.7	6.0
HML-90L-2	2.2	3	2800	75	0.95	8.68	8.30	7.96	2.5	1.7	6.2
HML-100L1-2	3	4	2820	78	0.95	11.4	10.9	10.4	2.5	1.7	6.4
HML-112M-2	3.7	5	2830	79	0.95	21.9	20.9	20.1	2.2	1.7	6.0
HML-71M1-4	0.25	0.37	1360	61	0.92	1.88	1.80	1.72	3.0	1.8	6.0
HML-71M2-4	0.37	0.5	1370	65	0.92	2.49	2.38	2.28	2.8	1.8	5.7
HML-80M1-4	0.55	0.75	1400	68	0.92	3.11	2.97	2.85	2.8	1.8	5.4
HML-80M2-4	0.75	1	1400	70	0.92	4.24	4.05	3.89	2.5	1.8	5.5
HML-90S-4	1.1	1.5	1440	71	0.95	5.49	5.25	5.03	2.5	1.7	5.7
HML-90L-4	1.5	2	1400	73	0.95	6.87	6.57	6.30	2.5	1.7	6.0
HML-100L1-4	2.2	3	1410	75	0.95	9.52	9.10	8.72	2.5	1.7	6.1
HML-100L2-4	3	4	1420	77	0.95	12.5	11.9	11.4	2.5	1.7	6.4
HML-112M-4	3.7	5	1430	78	0.95	17.8	17.0	16.3	2.5	1.7	5.5

型号 Type	额定功率 Output(kw)		额定转速 Rated Speed (r/min)	效率 Efficiency η%	功率因数 Power factor cosφ	额定电流 Rated current (A)			堵转电流/ 额定电流 Is/In	堵转转矩/ 额定转矩 Ts/Tn	最大转矩/ 额定转矩 Tmax/Tn
	kW	HP				220V	230V	240V			
HMY-56M1-2	0.09	0.12	2720	56	0.92	0.79	0.76	0.73	0.50	1.7	3.2
HMY-56M2-2	0.12	0.18	2720	60	0.92	0.99	0.95	0.91	0.50	1.7	3.5
HMY-63M1-2	0.18	0.25	2760	65	0.92	1.37	1.31	1.25	0.40	1.7	3.6
HMY-63M2-2	0.25	0.37	2760	66	0.92	1.87	1.79	1.72	0.40	1.7	3.7
HMY-71M1-2	0.37	0.5	2800	67	0.92	2.73	2.61	2.5	0.35	1.7	3.7
HMY-71M2-2	0.55	0.75	2800	70	0.92	3.88	3.71	3.56	0.35	1.7	3.9
HMY-80M1-2	0.75	1	2810	72	0.92	5.15	4.92	4.72	0.33	1.7	3.9
HMY-80M2-2	1.1	1.5	2820	75	0.95	7.02	6.71	6.43	0.33	1.7	4.3
HMY-90S-2	1.5	2	2840	76	0.95	9.44	9.03	8.66	0.30	1.7	4.8
HMY-90L-2	2.2	3	2840	77	0.95	13.67	13.08	12.53	0.30	1.7	4.8
HMY-100L-2	3	4	2800	79	0.95	18.17	17.38	16.66	0.30	1.9	4.8
HMY-56M1-4	0.06	0.08	1360	50	0.90	0.61	0.58	0.56	0.45	1.7	3.3
HMY-56M2-4	0.09	0.12	1360	52	0.90	0.87	0.84	0.80	0.45	1.7	2.9
HMY-63M1-4	0.12	0.18	1340	57	0.90	1.06	1.02	0.97	0.40	1.7	3.3
HMY-63M2-4	0.18	0.25	1340	59	0.90	1.54	1.47	1.41	0.40	1.7	3.2
HMY-71M1-4	0.25	0.37	1370	61	0.92	2.02	1.94	1.86	0.35	1.7	3.5
HMY-71M2-4	0.37	0.5	1370	62	0.92	2.95	2.82	2.70	0.35	1.7	3.4
HMY-80M1-4	0.55	0.75	1400	64	0.92	4.25	4.06	3.89	0.35	1.7	3.5
HMY-80M2-4	0.75	1	1400	68	0.92	5.45	5.21	5.00	0.32	1.7	3.7
HMY-90S-4	1.1	1.5	1410	71	0.95	7.41	7.09	6.80	0.32	1.7	4.0
HMY-90L-4	1.5	2	1410	73	0.95	9.83	9.40	9.01	0.30	1.7	4.6
HMY-100L1-4	2.2	3	1420	79	0.95	13.32	12.75	12.21	0.30	1.9	4.6
HMY-100L2-4	3	4	1420	79	0.95	18.17	17.38	16.66	0.30	1.9	4.6

安装尺寸 / Mounting Dimensions



机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T					
56	90	71	36	9	20	3	7.2	56	5.8	M4×12	120	100	80	7	3	115	120	79	135	190
63	100	80	40	11	23	4	8.5	63	7	M4×12	140	115	95	10	3	130	130	102	165	250
71	112	90	45	14	30	5	11	71	7	M5×12	160	130	110	10	3.5	145	145	109	180	275
80	125	100	50	19	40	6	15.5	80	10	M6×16	200	165	130	12	3.5	160	165	120	200	300
90S	140	100	56	24	50	8	20	90	10	M8×19	200	165	130	12	3.5	180	185	130	220	335
90L	140	125	56	24	50	8	20	90	10	M8×19	200	165	130	12	3.5	180	185	130	220	360
100L	160	140	63	28	60	8	24	100	12	M10×22	250	215	180	15	4	205	220	160	260	430
112M	190	140	70	28	60	8	24	112	12	M10×22	250	215	180	15	4	245	250	188	300	455



机座号 Frame Size	安装尺寸 Mounting Dimensions															外型尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	Z	P	M	N	S	T					
56	90	71	36	9	20	3	7.2	56	5.8	M4×12	80	65	50	4-M5	2.5	115	120	79	135	190
63	100	80	40	11	23	4	8.5	63	7	M4×12	90	75	60	4-M5	2.5	130	130	102	165	250
71	112	90	45	14	30	5	11	71	7	M5×12	105	85	70	4-M6	2.5	145	145	109	180	275
80	125	100	50	19	40	6	15.5	80	10	M6×16	120	100	80	4-M6	3	160	165	120	200	300
90S	140	100	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	180	185	130	220	335
90L	140	125	56	24	50	8	20	90	10	M8×19	140	115	95	4-M8	3	180	185	130	220	360
100L	160	140	63	28	60	8	24	100	12	M10×22	160	130	110	4-M8	3.5	205	220	160	260	430
112M	190	140	70	28	60	8	24	112	12	M10×22	160	130	110	4-M8	3.5	245	250	188	300	455