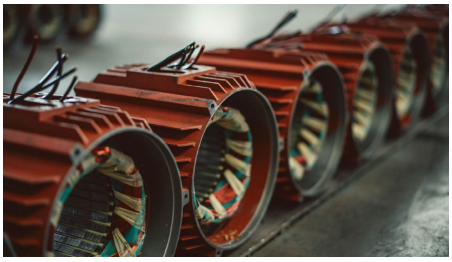
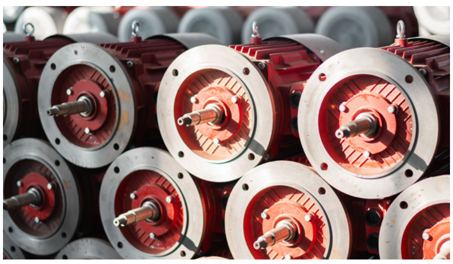
CATALOG I JWMTOR 2025

Three-Phase Induction Motor

Global general purpose cast iron wound rotor motor

COMPANY PROFILE





Jiawang Motors, Driving the Future.

Jiangxi Jiawang Motor Co., Ltd. is a high-tech enterprise integrating design, R&D, manufacturing, and sales service, specializing in small and medium-sized electric motors.Our product range includes the YE3, YE4, YEJ2, YVF2, YD2, and new-energy drive motor series, widely used in machinery, automation lines, ventilation systems, pumps, and new-energy vehicles — all designed in full compliance with IEC international standards.

Guided by our philosophy of "Market-oriented, Technology-driven, Quality-based, and Brand-focused", Jiawang Motor continuously invests in advanced R&D and quality control.From electromagnetic design and structural optimization to energy-efficiency improvement, our engineering team drives consistent innovation and performance enhancement.With modern production lines and intelligent testing systems, every motor we produce is crafted for reliability, durability, and precision.

Looking ahead, Jiawang Motor remains committed to its mission of creating greater value for customers and powering progress for society:striving to become a globally trusted name in motor manufacturing.

16,000 ㎡	**80,000**	**40+**	**10+**
Total Manufacturing Capacity Zone	**Confirmed Yearly Output Capacity**	**Professional Technical Support**	**Advanced Automated Assembly Lines**

JW Motor

CONTENTS

电机概述 / Motor Overview

本系列高效三相异步电动机，中心高范围为 H80 至 H400，严格遵循 GB/T755《旋转电动机定额和性能》标准。其能效等级同时满足国家标准 GB18613《中小型三相异步电动机能效限定值及能效等级》与国际标准 IEC60034-30-1《单速三相笼型感应电动机效率分级》的要求。电机效率采用损耗分析法确定（依据 GB/T1032 规定），通过测量输入 - 输出功率进行精确计算。

电机壳体采用高强度灰铸铁铸造，线圈则由优质耐腐蚀铜线绕制而成。外壳防护等级高达 IP55，符合 GB/T4942.1 及 IEC60034-5 标准。安装尺寸兼容 IEC60072 国际标准与国标 GB/T4772.1，冷却方式涵盖 IC411 和 IC416，适用于连续工作制（S1）运行。

This series of high-efficiency three-phase asynchronous motors, with a center height range from H80 to H400, is strictly designed in accordance with the GB/T755 standard ("Rotating Electrical Machines—Rating and Performance"). Their energy efficiency ratings comply with both the Chinese national standard GB18613 ("Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Small and Medium Three-Phase Asynchronous Motors") and the international standard IEC 60034-30-1 ("Efficiency Classes of Single-Speed, Three-Phase, Cage-Induction Motors"). Motor efficiency is determined using the loss analysis method (as stipulated in GB/T1032), which involves precise measurement of input and output power.

The motor housing is constructed from high-strength grey cast iron, while the coils are wound from high-quality, corrosion-resistant copper wire. The enclosure offers a high protection rating of IP55, meeting the requirements of GB/T4942.1 and IEC 60034-5. Mounting dimensions conform to the international standard IEC 60072 and the Chinese national standard GB/T4772.1. With cooling methods IC411 and IC416, these motors are suitable for continuous duty (S1) operation.

Let's Talk

标准技术特性 / Standard Technical Characteristics

中心高 | Center Height：H63~H500

极数 | No. of Poles：2 poles, 4 poles, 6 poles, 8 poles, 10 poles

额定功率 | Rated Power：0.18kW~1400kW

额定频率 | Rated Frequency：50Hz/60Hz

额定电压 | Rated Voltage：380V, 400V, 415V, 660V, 690V, 220/380V, 380/660V, 400/690V 等

工作制 | Duty：S1

热分级 | Insulation Grade：155(F) 级 /Grade

安装型式 | Mounting Type：B3, B35, B5, V1

冷却方式 | Cooling Type：IC411, IC416

变频电机调速范围 | Speed Range of Variable Frequency Motor：

2 极 | 2 Poles：3~70Hz(315kW 及以下)(315kW and below)；3~50Hz(355kW 及以上)(355kW and above)

4 极 | 4 Poles：3~100Hz(315kW 及以下)(315kW and below)；3~70Hz(355kW 及以上)(355kW and above)

运行条件 / Operating Conditions

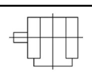
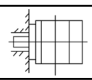
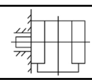
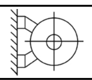
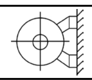
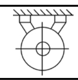
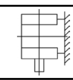
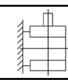
环境空气温度｜ Ambient Temperature: -15° C ~ +40° C 海拔高度｜ Altitude: ≤ 1000m

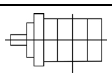
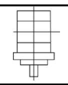
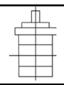
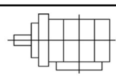
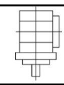
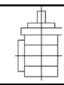
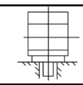
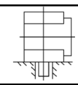
湿度｜ Humidity: 月平均最高相对湿度为 90% Average monthly peak relative humidity is 90%

电机安装型式 / Mounting Type

电动机的安装结构型式符合 GB/T997《电机结构及安装型式代号》的规定。

The installation structure ofthe motor complies with the provisions of GB/T997 "Motor Structure and installation Type Code"

结构及安装代号 (IM)Structure and Installation Code (IM)	B3	B14	B34	B6	B7	B8	V5	V6
示意图 Sketch Map								
机座号 Frame Size	80~400	80~112	80~112	80~160	80~160	80~160	80~160	80~160

结构及安装代号 (IM)Structure and Installation Code (IM)	B5	V1	V3	B35	V15	V36	V18	V19
示意图 Sketch Map								
机座号 Frame Size	80~280	80~355	80~160	80~400	80~100	80~100	80~112	80~112

注意：对于 V1 安装型式的电机，工况 H80~160 不带防雨帽，H180~355 均带防雨帽；YVF 变频系列标配均不带防雨帽。

Note: For V1 installation motors, no rain caps for industry frequency motors with H80-160, and H180~355 motors are with rain caps. YVF variable-frequency motors are without rain caps.

轴承 / Bearing

轴承是电机中最易磨损的部件之一，其使用与维护状况直接影响电机的整体寿命。必须定期保养并及时更换润滑脂。若损坏的轴承未能及时更换，可能会导致电机严重故障，甚至烧毁。在允许载荷范围内，H80–H400 机座号电机的轴承设计寿命如下：2 极电机；20,000 小时 4 极、6 极、8 极、10 极电机：30,000 小时以上寿命基于电机在 50Hz 正常运行并按要求进行常规维护的条件。

Bearings are among the components most prone to wear in electric motors, and their condition is directly linked to overall motor lifespan. Regular maintenance and timely grease replacement are essential.If a damaged bearing is not replaced promptly, it may lead to serious motor failure, even burnout.Within the allowable load range, the bearing design life for motors in frame sizes H80–H400 is as follows:2-pole motors: 20,000 hours4-pole, 6-pole, 8-pole, and 10-pole motors: 30,000 hoursThe above service life refers to motors operating at 50 Hz under normal conditions with proper maintenance.

Y2 Series

Three-Phase Asynchronous Motor

Y2 系列三相异步电机

产品介绍 / Product Introduction

Y2 系列三相异步电机以其稳定可靠的结构和优异的能效表现，成为各类工业设备的理想动力源。采用高品质原材料与精密制造工艺，电机在长期运行中也能保持低故障率和出色的能耗表现，有效降低维护成本。

该系列电机广泛应用于水泵、风机、压缩机、机床、输送设备等行业，可为不同工况提供持续而稳定的动力输出。我们也能根据行业需求提供定制化解决方案，帮助客户实现更高的生产效率与设备可靠性。

The Y2 Series Three-Phase Asynchronous Motors deliver exceptional reliability and high energy efficiency, making them a trusted power source across a wide range of industrial applications. Built with premium materials and precise manufacturing standards, these motors maintain low failure rates and excellent performance even under long-term continuous operation—effectively reducing energy consumption and maintenance costs.

The Y2 series is widely used in pumps, fans, compressors, machine tools, and conveyor systems, providing consistent and dependable power output for diverse working conditions. Customized solutions are also available to meet industry-specific requirements, helping customers achieve higher productivity and enhanced equipment stability.

Let's Talk

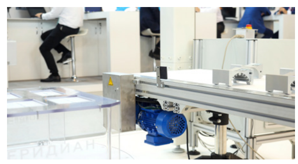
型号说明 / Model Description

Y 2 - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 能效等级 IE2 Energy Efficiency Class IE2
- 异步电动机 Asynchronous Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

型号 Model	功率 kW	转速 r/min	效率 %	功率因数 COSφ	额定电流 IN(A)	额定电压 V	额定转矩 TN (N•m)	最大转矩 Tmax/TN	启动转矩 Tst/TN	启动电流 Ist/IN	噪声 dB(A)	转动惯量 J(kg•m²)	重量 kg
Y2-63M1-2	0.18	2780	65.0	0.80	0.5	380	0.61	2.3	2.3	6.0	50	0.0003	12
Y2-63M2-2	0.25	2800	68.0	0.81	0.7	380	0.85	2.3	2.3	6.0	50	0.0004	13
Y2-71M1-2	0.37	2780	77.0	0.82	1.0	380	1.27	2.3	2.3	6.0	52	0.0008	15
Y2-71M2-2	0.55	2800	79.0	0.82	1.4	380	1.87	2.3	2.3	6.0	52	0.0010	16
Y2-80M1-2	0.75	2840	82.0	0.84	1.9	380	2.52	2.3	2.3	7.0	55	0.0040	17
Y2-80M2-2	1.10	2860	84.0	0.84	2.6	380	3.67	2.3	2.3	7.0	55	0.0060	19
Y2-90S-2	1.50	2880	84.0	0.86	3.3	380	4.97	2.3	2.3	7.0	58	0.0070	21
Y2-90L-2	2.20	2900	86.5	0.86	4.7	380	7.24	2.3	2.3	7.0	58	0.0120	25
Y2-100L-2	3.00	2910	88.0	0.87	6.3	380	9.84	2.3	2.3	7.0	60	0.0170	32
Y2-112M-2	4.00	2930	89.5	0.88	8.2	380	13.0	2.3	2.3	7.0	63	0.0300	39
Y2-132S1-2	5.50	2930	90.5	0.88	11.0	380	18.0	2.3	2.3	7.0	67	0.0460	51
Y2-132S2-2	7.50	2950	91.0	0.88	14.7	380	24.0	2.3	2.3	7.0	67	0.0720	61

型号 Model	功率 kW	转速 r/min	效率 %	功率因数 COSφ	额定电流 IN(A)	额定电压 V	额定转矩 TN (N•m)	最大转矩 Tmax/TN	启动转矩 Tst/TN	启动电流 Ist/IN	噪声 dB(A)	转动惯量 J(kg•m²)	重量 kg
Y2-160M1-2	11.00	2950	92.0	0.89	21.2	380	35.5	2.2	2.3	7.0	72	0.2100	113
Y2-160M2-2	15.00	2950	92.0	0.89	28.0	380	48.0	2.2	2.3	7.0	72	0.3100	133
Y2-180M-2	18.50	2930	93.0	0.89	34.0	380	60.3	2.2	2.3	7.0	75	0.3700	162
Y2-180L-2	22.00	2930	93.1	0.89	40.0	380	71.7	2.2	2.3	7.0	75	0.6300	180
Y2-200L1-2	30.00	2940	93.8	0.90	54.0	380	97.5	2.1	2.3	7.0	78	0.8400	237
Y2-200L2-2	37.00	2940	94.2	0.90	66.0	380	120.0	2.1	2.3	7.0	78	1.2800	237
Y2-225M-2	45.00	2950	94.3	0.90	80.0	380	146.0	2.1	2.3	7.0	81	1.4000	287
Y2-250M-2	55.00	2970	95.0	0.91	96.0	380	177.0	2.0	2.3	7.0	82	1.8900	368
Y2-280S-2	75.00	2970	95.4	0.92	130.0	380	241.0	2.0	2.2	7.0	85	2.7000	457
Y2-280M-2	90.00	2970	95.6	0.92	165.0	380	290.0	2.0	2.2	7.0	85	2.4200	487
Y2-315S-2	110.00	2975	95.8	0.93	200.0	380	353.0	2.0	2.2	7.0	87	6.5000	680
Y2-315M1-2	132.00	2980	96.0	0.93	238.0	380	423.0	2.0	2.2	7.0	87	9.2000	777
Y2-315M2-2	160.00	2980	96.2	0.93	287.0	380	513.0	2.0	2.2	7.0	87	9.2000	977
Y2-355M1-2	200.00	2980	96.4	0.94	361.0	380	641.0	2.0	2.2	7.0	90	13.4000	1510
Y2-355M2-2	250.00	2980	96.4	0.94	448.0	380	806.0	2.0	2.2	7.0	90	17.0000	1710
Y2-4001-2	280.00	2985	96.5	0.95	490.0	380	897.0	1.9	2.2	7.0	95	-	3000
Y2-4002-2	315.00	2985	96.5	0.95	551.0	380	1006.0	1.9	2.2	7.0	95	-	3100
Y2-4003-2	355.00	2985	96.7	0.96	620.0	380	1137.0	1.9	2.2	7.0	95	-	3300
Y2-4501-2	400.00	2985	96.7	0.96	702.0	380	1279.0	1.9	2.0	7.0	102	-	3700
Y2-4502-2	450.00	2985	96.8	0.96	792.0	380	1441.0	1.9	2.0	7.0	102	-	4100
Y2-4503-2	500.00	2985	96.8	0.97	882.0	380	1599.0	1.9	2.0	7.0	102	-	4250
Y2-4504-2	630.00	2985	96.8	0.92	1082.0	380	2010.0	1.9	2.0	7.0	112	-	4450
Y2-4504-2	800.00	2985	96.8	0.92	1368.0	380	2555.0	1.6	2.0	7.0	112	-	4650
Y2-63M1-4	0.12	1400	57.0	0.72	0.44	380	0.82	2.1	2.1	4.0	52	0.00031	12
Y2-63M2-4	0.18	1400	60.0	0.72	0.63	380	1.23	2.1	2.1	4.0	52	0.00032	13
Y2-71M1-4	0.25	1400	69.0	0.73	0.83	380	1.70	2.1	2.1	4.0	53	0.00045	14
Y2-71M2-4	0.37	1400	72.0	0.73	1.20	380	2.50	2.1	2.1	4.0	53	0.00100	16
Y2-80M1-4	0.55	1420	76.0	0.78	1.60	380	3.70	2.1	2.1	4.0	56	0.00200	18
Y2-80M2-4	0.75	1420	78.0	0.78	2.10	380	5.00	2.1	2.1	4.0	56	0.00300	20
Y2-90S-4	1.10	1430	79.6	0.80	2.90	380	7.30	2.1	2.1	4.0	60	0.00500	26
Y2-90L-4	1.50	1430	82.8	0.80	4.00	380	10.00	2.1	2.1	4.0	60	0.01500	32
Y2-100L1-4	2.20	1440	84.3	0.84	5.40	380	14.60	2.1	2.1	4.0	63	0.02200	42
Y2-100L2-4	3.00	1440	86.3	0.84	7.30	380	19.90	2.1	2.1	4.0	63	0.03300	52
Y2-112M-4	4.00	1450	87.7	0.84	9.30	380	26.30	2.1	2.1	4.0	63	0.03900	56
Y2-132S-4	5.50	1455	88.9	0.85	12.00	380	36.20	2.0	2.3	4.0	67	0.11300	92

型号 Model	功率 kW	转速 r/min	效率 %	功率因数 COSφ	额定电流 IN(A)	额定电压 V	额定转矩 TN (N•m)	最大转矩 Tmax/ TN	启动转矩 Tst/TN	启动电流 Ist/IN	噪声 dB(A)	转动惯量 J(kg•m²)	重量 kg
Y2-132M-4	7.50	1460	89.8	0.85	16.10	380	49.10	2.0	2.3	4.0	67	0.16700	102
Y2-160M-4	11.00	1460	90.8	0.86	23.20	380	72.00	2.0	2.3	4.0	72	0.29000	137
Y2-160L-4	15.00	1460	91.6	0.86	31.00	380	98.10	2.0	2.3	4.0	72	0.46000	157
Y2-180M-4	18.50	1465	92.4	0.87	37.00	380	120.00	2.0	2.3	4.0	73	0.62000	180
Y2-180L-4	22.00	1470	92.9	0.87	43.00	380	143.00	2.0	2.3	4.0	73	0.78000	205
Y2-200L1-4	30.00	1475	93.3	0.88	57.00	380	194.00	2.0	2.3	4.0	76	0.81000	228
Y2-200L2-4	37.00	1480	94.0	0.88	70.00	380	238.00	2.0	2.3	4.0	76	1.27000	270
Y2-225S-4	45.00	1485	94.3	0.89	83.00	380	290.00	2.0	2.3	4.0	78	2.25000	305
Y2-225M-4	55.00	1485	94.7	0.89	101.00	380	354.00	2.0	2.3	4.0	78	3.40000	381
Y2-250M-4	75.00	1485	95.1	0.89	137.00	380	482.00	2.0	2.3	4.0	82	4.68000	570
Y2-280S-4	90.00	1485	95.4	0.90	164.00	380	579.00	2.0	2.2	4.0	84	6.07000	680
Y2-280M-4	110.00	1485	95.8	0.90	200.00	380	705.00	2.0	2.2	4.0	84	6.45000	1167
Y2-315S-4	132.00	1490	96.1	0.91	239.00	380	845.00	2.0	2.2	4.0	88	9.00000	1450
Y2-315M-4	160.00	1492	96.1	0.91	288.00	380	1028.00	2.0	2.2	4.0	88	9.23000	1650
Y2-355M-4	200.00	1492	96.4	0.91	355.00	380	1280.00	2.0	2.2	4.0	90	-	1850
Y2-355L-4	250.00	1492	96.4	0.92	444.00	380	1598.00	2.0	2.2	4.0	90	-	2600
Y2-4001-4	280.00	1492	96.6	0.92	496.00	380	1792.00	2.0	2.0	4.0	100	-	3000
Y2-4002-4	315.00	1492	96.6	0.92	557.00	380	2017.00	2.0	2.0	4.0	100	-	3300
Y2-4003-4	355.00	1492	96.7	0.92	628.00	380	2270.00	2.0	2.0	4.0	100	-	3700
Y2-4501-4	400.00	1495	96.8	0.92	698.00	380	2554.00	2.0	2.0	4.0	111	-	4000
Y2-4502-4	450.00	1495	96.8	0.92	782.00	380	2873.00	2.0	2.0	4.0	111	-	4100
Y2-4503-4	500.00	1495	96.8	0.89	858.00	380	3189.00	2.0	2.0	4.0	111	-	4300
Y2-4504-4	630.00	1495	96.7	0.89	1155.0	380	4030.00	2.0	2.0	4.0	111	-	4500
Y2-4504-4	900.00	1495	96.7	0.89	1585.0	380	5748.00	2.0	2.0	4.0	111	-	4700
Y2-71M1-6	0.18	900	56.0	0.68	0.80	380	1.90	2.0	2.0	2.1	52	0.0007	15
Y2-71M2-6	0.25	910	59.0	0.68	0.90	380	2.62	2.0	2.1	2.1	52	0.0011	17
Y2-80M1-6	0.37	910	71.0	0.71	1.10	380	3.88	2.0	2.1	2.1	54	0.0159	17
Y2-80M2-6	0.55	910	73.0	0.71	1.60	380	5.77	2.0	2.1	2.1	54	0.0240	20
Y2-90S-6	0.75	910	75.0	0.73	2.10	380	7.88	2.0	2.1	2.1	57	0.0460	24
Y2-90L-6	1.10	920	79.0	0.75	3.40	380	11.40	2.0	2.1	2.1	57	0.0640	29
Y2-100L-6	1.50	940	79.8	0.77	3.70	380	15.30	2.0	2.1	2.1	60	0.0930	40
Y2-112M-6	2.20	940	81.0	0.78	5.00	380	22.40	2.0	2.1	2.1	63	0.1500	50
Y2-132S-6	3.00	950	84.0	0.79	6.90	380	30.20	2.0	2.1	2.1	67	0.2600	72
Y2-132M-6	4.00	950	85.0	0.81	9.00	380	40.20	2.0	2.1	2.1	67	0.3400	84
Y2-160M1-6	5.50	960	86.0	0.83	11.60	380	54.80	2.1	2.1	2.1	70	0.7400	120

型号 Model	功率 kW	转速 r/min	效率 %	功率因数 COSφ	额定电流 IN(A)	额定电压 V	额定转矩 TN (N•m)	最大转矩 Tmax/TN	启动转矩 Tst/TN	启动电流 Ist/IN	噪声 dB(A)	转动惯量 J(kg•m²)	重量 kg
Y2-160M2-6	7.50	960	88.0	0.83	15.80	380	74.60	2.1	2.1	2.1	70	1.1600	140
Y2-180M-6	11.00	970	89.7	0.84	21.90	380	108.40	2.1	2.0	2.1	73	1.6200	214
Y2-200L-6	15.00	970	90.9	0.84	29.00	380	147.60	2.1	2.0	2.1	74	2.4800	290
Y2-225S-6	18.50	970	91.7	0.84	35.00	380	182.40	2.1	2.0	2.1	76	3.0000	329
Y2-225M-6	22.00	980	92.2	0.85	40.00	380	214.80	2.1	2.0	2.1	76	3.3600	390
Y2-250M-6	30.00	980	92.7	0.85	54.00	380	292.00	2.0	2.0	2.1	78	3.9700	452
Y2-280S-6	37.00	990	93.2	0.86	67.00	380	357.00	2.0	2.0	2.0	81	4.5200	500
Y2-280M-6	45.00	990	93.7	0.86	81.00	380	434.00	2.0	2.0	2.0	81	4.8300	542
Y2-315S-6	55.00	990	94.0	0.85	101.00	380	531.00	2.0	2.0	2.0	83	5.3200	785
Y2-315M1-6	75.00	990	94.8	0.85	137.00	380	724.00	2.0	2.0	2.0	83	5.9500	930
Y2-315L2-6	90.00	990	95.1	0.86	165.00	380	868.00	2.0	2.0	2.0	83	7.8900	1080
Y2-315L2-6	110.00	990	95.3	0.87	201.00	380	1066.00	2.0	2.0	2.0	85	7.8900	1270
Y2-355M-6	132.00	985	95.0	0.87	247.00	380	1279.00	2.0	2.0	2.0	85	8.2500	1498
Y2-355L1-6	160.00	985	95.0	0.87	295.00	380	1551.00	2.0	2.0	2.0	85	8.2500	1880
Y2-355L2-6	200.00	994	95.0	0.85	361.00	380	1923.00	2.0	2.0	2.0	85	-	2200
Y2-4001-6	250.00	994	96.0	0.85	445.00	380	2403.00	1.9	2.0	2.0	105	-	3200
Y2-4002-6	280.00	994	96.0	0.85	496.00	380	2693.00	1.9	2.0	2.0	105	-	3300
Y2-4003-6	315.00	994	96.2	0.85	558.00	380	3030.00	1.9	2.0	2.0	105	-	3400
Y2-4501-6	355.00	994	96.5	0.85	661.00	380	3409.00	1.9	2.0	2.0	108	-	3800
Y2-4502-6	400.00	994	96.5	0.85	744.00	380	3840.00	1.9	2.0	2.0	108	-	4000
Y2-4503-6	450.00	994	96.5	0.85	828.00	380	4320.00	1.9	2.0	2.0	108	-	4100
Y2-4504-6	500.00	995	96.5	0.85	918.00	380	4800.00	1.9	2.0	2.0	108	-	4250
Y2-4502-6	560.00	995	96.5	0.85	1039.0	380	5370.00	1.9	2.0	2.0	108	-	4400
Y2-4504-6	630.00	995	96.5	0.85	1169.0	380	6040.00	1.9	2.0	2.0	108	-	4500
Y2-4504-6	710.00	995	96.5	0.85	1316.0	380	6810.00	1.9	2.0	2.0	108	-	4600
Y2-71M1-8	0.09	690	42.0	0.59	0.55	380	1.00	1.25	1.8	2.9	52	0.0007	14
Y2-71M2-8	0.12	730	45.0	0.59	0.68	380	1.60	1.25	1.8	2.9	52	0.0011	15
Y2-80M1-8	0.18	710	52.0	0.61	1.00	380	2.40	1.30	1.8	3.0	55	0.0014	17
Y2-80M2-8	0.25	710	59.0	0.64	1.20	380	3.40	1.50	1.8	3.5	55	0.0019	19
Y2-90S-8	0.37	710	63.5	0.64	1.70	380	5.00	1.60	1.8	3.5	58	0.0040	20
Y2-90L-8	0.55	720	67.0	0.65	2.20	380	7.30	1.60	1.8	3.5	58	0.0050	22
Y2-100L1-8	0.75	720	71.0	0.68	2.90	380	10.00	1.70	1.8	3.5	61	0.0110	26
Y2-100L2-8	1.10	720	72.0	0.68	4.10	380	14.60	1.80	1.8	3.5	61	0.0150	28
Y2-112M-8	1.50	730	78.0	0.70	5.30	380	19.60	1.80	1.8	3.5	64	0.0220	36
Y2-132S-8	2.20	730	81.0	0.72	7.20	380	28.80	2.00	1.8	3.5	67	0.0520	48

型号 Model	功率 kW	转速 r/min	效率 %	功率因数 COSφ	额定电流 IN(A)	额定电压 V	额定转矩 TN (N•m)	最大转矩 Tmax/TN	启动转矩 Tst/TN	启动电流 Ist/IN	噪声 dB(A)	转动惯量 J(kg•m²)	重量 kg
Y2-132M-8	3.00	730	83.0	0.76	9.60	380	39.20	2.00	1.8	3.5	67	0.0780	60
Y2-160M-8	4.00	720	84.0	0.78	12.00	380	53.10	2.00	1.8	4.0	73	0.1900	126
Y2-160M2-8	5.50	720	85.5	0.80	16.00	380	73.00	2.00	1.9	4.0	73	0.2700	140
Y2-180L-8	7.50	720	87.0	0.82	21.00	380	99.50	2.00	1.9	4.0	76	0.4300	165
Y2-200L-8	11.00	730	88.0	0.76	34.00	380	144.00	2.00	2.0	4.0	78	0.7400	250
Y2-225S-8	15.00	730	88.0	0.76	47.00	380	196.00	2.00	2.0	4.0	78	2.2400	265
Y2-225M-8	18.50	730	89.0	0.78	57.00	380	242.00	1.90	2.0	4.0	78	3.1700	312
Y2-250M-8	22.00	730	90.0	0.79	67.00	380	287.00	1.90	2.0	4.0	80	3.7200	350
Y2-280S-8	30.00	740	91.0	0.79	89.00	380	387.00	1.90	2.0	4.0	82	5.7400	520
Y2-280M-8	37.00	740	92.0	0.81	111.00	380	477.00	1.90	2.0	4.0	82	6.7200	550
Y2-315S-8	45.00	740	93.0	0.81	135.00	380	581.00	1.90	2.0	4.0	85	10.1900	1057
Y2-315M-8	55.00	740	93.5	0.82	162.00	380	709.00	1.90	2.0	4.0	85	11.1300	1250
Y2-315L1-8	75.00	740	93.7	0.82	217.00	380	966.00	1.80	2.0	4.0	85	12.4800	1600
Y2-315L2-8	90.00	740	94.2	0.82	261.00	380	1163.00	1.80	2.0	4.0	85	13.1300	1950
Y2-355M-8	110.00	740	94.3	0.82	317.00	380	1419.00	1.80	2.0	4.0	90	13.4800	1960
Y2-355L1-8	132.00	745	95.0	0.82	364.00	380	1693.00	1.80	2.0	4.0	90	-	2100
Y2-4001-8	160.00	745	95.0	0.82	441.00	380	2053.00	1.80	2.0	4.0	102	-	2800
Y2-4002-8	200.00	745	95.5	0.80	552.00	380	2557.00	1.80	2.0	4.0	102	-	3000
Y2-4003-8	250.00	745	96.0	0.80	628.00	380	3197.00	1.80	2.0	4.0	102	-	3400
Y2-4501-8	280.00	745	96.0	0.82	775.00	380	3598.00	1.80	2.0	4.0	105	-	4100
Y2-4502-8	315.00	745	96.2	0.82	873.00	380	4045.00	1.80	2.0	4.0	105	-	4250
Y2-4503-8	400.00	745	96.2	0.82	961.00	380	5140.00	1.80	2.0	4.0	105	-	4400
Y2-4504-8	450.00	745	96.2	0.82	966.00	380	6400.00	1.80	2.0	4.0	105	-	4600
Y2-4504-8	560.00	745	96.2	0.82	1082.0	380	7170.00	1.80	2.0	4.0	105	-	4800

YE3 Series

Three-Phase Asynchronous Motor

YE3 系列三相异步电机

产品介绍 / Product Introduction

YE3 系列高效三相异步电机采用先进电磁设计和优质硅钢材料，整体效率达到 IE3 等级，适用于长期运行的工业设备。电机绕组采用耐高温漆包线，确保在重载、长周期工况下仍具备稳定输出。强化散热结构与高精度轴承延长了整体寿命，并降低运行噪音与维护成本。YE3 系列支持多种安装方式和定制电压，可适配全球不同地区的工业标准，是追求节能、可靠性与长期成本控制企业的理想选择。

The YE3 series high-efficiency three-phase asynchronous motors are engineered with advanced electromagnetic design and premium silicon steel, achieving the IE3 efficiency level. The windings use high-temperature enamelled copper to ensure stable output under heavy-duty and long-duration operation. Enhanced cooling structure and precision bearings extend service life while reducing noise and maintenance frequency. The YE3 series supports multiple mounting options and customized voltages, complying with global industrial standards. It is an ideal choice for users seeking energy savings, reliability, and long-term cost control.

Let's Talk

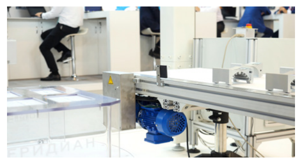
型号说明 / Model Description

Y E3 - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 能效等级IE3 Energy Efficiency Class IE3
- 异步电动机 Asynchronous Motor

应用行业 /Application Industries



技术参数 / Technical Parameters

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 3000r/min												
YE3-80M1-2	0.75	380	1.7	2880	80.7	0.82	2.3	7.0	2.3	2.4	62	18
YE3-80M2-2	1.1	380	2.4	2880	82.7	0.83	2.2	7.6	2.3	3.5	62	19
YE3-90S-2	1.5	380	3.2	2890	84.2	0.84	2.2	7.9	2.3	4.8	67	23
YE3-90L-2	2.2	380	4.6	2890	85.9	0.85	2.2	7.9	2.3	7.0	67	24
YE3-100L-2	3	380	6.0	2910	87.1	0.87	2.2	8.5	2.3	9.6	74	34
YE3-112M-2	4	380	7.8	2910	88.1	0.88	2.2	8.5	2.3	12.7	77	44
YE3-132S1-2	5.5	380	10.6	2945	89.2	0.88	2.0	8.5	2.3	17.5	79	58
YE3-132S2-2	7.5	380	14.4	2940	90.1	0.88	2.0	8.5	2.3	23.9	79	63

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 3000r/min												
YE3-160M2-2	15	380	27.9	2950	91.9	0.89	2.0	8.5	2.3	47.8	81	135
YE3-160L-2	18.5	380	34.2	2950	92.4	0.89	2.0	8.5	2.3	58.9	81	150
YE3-180M-2	22	380	40.5	2960	92.7	0.89	2.0	8.5	2.3	70.0	83	161
YE3-200L1-2	30	380	54.9	2970	93.3	0.89	2.0	8.5	2.3	95.5	84	230
YE3-200L2-2	37	380	67.4	2975	93.7	0.89	2.0	8.5	2.3	118	84	256
YE3-225M-2	45	380	80.8	2975	94.0	0.90	2.0	8.0	2.3	143	86	317
YE3-250M-2	55	380	98.5	2970	94.3	0.90	2.0	8.0	2.3	175	89	400
YE3-280S-2	75	380	134	2980	94.7	0.90	1.8	7.5	2.3	239	91	460
YE3-280M-2	90	380	160	2980	95.0	0.90	1.8	7.5	2.3	287	91	530
YE3-280L-2	110	380	195	2980	95.2	0.90	1.8	7.5	2.3	350	92	656
YE3-315S-2	110	380	195	2975	95.2	0.90	1.8	7.5	2.3	350	92	875
YE3-315M-2	132	380	234	2975	95.4	0.90	1.8	7.5	2.3	420	92	965
YE3-315L1-2	160	380	279	2975	95.6	0.91	1.8	7.5	2.3	509	92	1033
YE3-315L2-2	185	380	323	2975	95.7	0.91	1.8	7.5	2.3	589	92	1085
YE3-315L3-2	200	380	349	2975	95.8	0.91	1.8	7.5	2.2	637	92	1085
YE3-315L4-2	220	380	383	2975	95.8	0.91	1.6	7.5	2.2	700	100	1310
YE3-355M1-2	220	380	383	2980	95.8	0.91	1.6	7.5	2.2	700	100	1600
YE3-355M2-2	250	380	436	2980	95.8	0.91	1.6	7.5	2.2	796	100	1670
YE3-355L1-2	280	380	488	2980	95.8	0.91	1.6	7.5	2.2	891	100	1790
YE3-355L2-2	315	380	549	2980	95.8	0.91	1.6	7.5	2.2	1003	100	1820
YE3-355L3-2	355	380	619	2980	95.8	0.91	1.6	7.5	2.2	1130	100	1860
YE3-4001-2	355	380	626	2985	95.8	0.90	1.6	8.6	1.8	1130	101	2625
YE3-4002-2	400	380	705	2985	95.8	0.91	1.6	8.7	1.8	2006	106	3620
YE3-4003-2	450	380	793	2985	95.8	0.90	1.6	8.6	1.8	1273	101	2690
YE3-4004-2	500	380	881	2985	95.8	0.90	1.6	8.6	1.8	1433	105	2735
YE3-4005-2	560	380	976	2985	95.8	0.90	1.6	8.6	1.8	1592	105	3280
YE3-4006-2	630	660	632	2985	95.8	0.91	1.6	8.7	1.8	1783	106	3540
同步转速 Synchronous Speed 1500r/min												
YE3-80M1-4	0.55	380	1.4	1435	80.8	0.75	2.4	6.6	2.3	3.5	56	16
YE3-80M2-4	0.75	380	1.8	1435	82.5	0.75	2.3	6.6	2.3	4.8	56	17
YE3-90S-4	1.1	380	2.6	1440	84.1	0.76	2.3	6.8	2.3	7.0	59	23

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/ Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
YE3-90L-4	1.5	380	3.5	1440	85.3	0.77	2.3	7.0	2.3	9.6	59	25
YE3-100L1-4	2.2	380	4.8	1450	86.7	0.81	2.3	7.6	2.3	14.0	64	27
YE3-100L2-4	3	380	6.3	1450	87.7	0.82	2.3	7.6	2.3	19.1	64	30
YE3-112M-4	4	380	8.4	1450	88.6	0.82	2.2	7.8	2.3	25.5	65	35
YE3-132S-4	5.5	380	11.2	1470	89.6	0.83	2.0	7.9	2.3	35.0	71	65
YE3-132M-4	7.5	380	15.0	1470	90.4	0.84	2.0	7.5	2.3	47.8	71	78
YE3-160M-4	11	380	21.5	1475	91.4	0.85	2.2	7.7	2.3	70.0	73	135
YE3-160L-4	15	380	28.8	1475	92.1	0.86	2.2	7.8	2.3	95.5	73	147
YE3-180M-4	18.5	380	35.3	1480	92.6	0.86	2.0	7.8	2.3	118	76	172
YE3-180L-4	22	380	41.8	1480	93.0	0.86	2.0	7.8	2.3	140	76	198
YE3-200L-4	30	380	56.6	1475	93.6	0.86	2.0	7.3	2.3	191	76	251
YE3-225S-4	37	380	69.6	1485	93.9	0.86	2.0	7.4	2.3	236	78	305
YE3-225M-4	45	380	84.4	1485	94.2	0.86	2.0	7.4	2.3	287	78	335
YE3-250M-4	55	380	103	1480	94.6	0.86	2.2	7.4	2.3	350	79	420
YE3-280S-4	75	380	136	1490	95.0	0.88	2.0	6.9	2.3	478	80	510
YE3-280M-4	90	380	163	1490	95.2	0.88	2.0	6.9	2.3	573	80	570
YE3-280L-4	110	380	197	1490	95.4	0.89	1.8	7.5	2.3	700	80	650
YE3-315S-4	110	380	197	1485	95.4	0.89	2.0	7.0	2.2	700	88	870
YE3-315M-4	132	380	236	1485	95.6	0.89	2.0	7.0	2.2	840	88	960
YE3-315L1-4	160	380	285	1485	95.8	0.89	2.0	7.1	2.2	1019	88	1140
YE3-315L2-4	185	380	326	1485	95.9	0.90	2.0	7.1	2.2	1178	88	1144
YE3-315L3-4	200	380	352	1485	96.0	0.90	2.0	7.1	2.2	1273	88	1144
YE3-315L4-4	220	380	387	1485	96.0	0.90	2.0	7.1	2.2	1401	88	1310
YE3-355M1-4	220	380	387	1490	96.0	0.90	2.0	7.1	2.2	1401	95	1630
YE3-355M2-4	250	380	440	1490	96.0	0.90	2.0	7.1	2.2	1592	95	1680
YE3-355L1-4	280	380	492	1490	96.0	0.90	2.0	7.1	2.2	1783	95	1750
YE3-355L2-4	315	380	554	1490	96.0	0.90	2.0	7.1	2.2	2006	95	1820
YE3-355L3-4	355	380	624	1490	96.0	0.90	2.0	7.1	2.2	2260	95	1860
YE3-4001-4	355	380	638	1490	96.0	0.88	1.6	8.4	1.8	2547	99	2840
YE3-4002-4	400	380	719	1490	96.0	0.88	1.6	8.4	1.8	2865	99	2970
YE3-4003-4	450	380	809	1490	96.0	0.88	1.6	8.4	1.8	3183	102	3000

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
YE3-4004-4	500	380	899	1490	96.0	0.88	1.6	8.4	1.8	3565	102	3455
YE3-4005-4	560	380	996	1490	96.0	0.89	1.6	8.5	1.8	4011	105	3550
YE3-4006-4	630	660	645	1490	96.0	0.89	1.6	8.5	1.8	4520	105	3670
同步转速 Synchronous Speed 1000r/min												
YE3-80M1-6	0.37	380	1.1	928	73.5	0.70	1.9	6.0	2.0	3.5	54	26
YE3-80M2-6	0.55	380	1.5	928	77.2	0.72	1.9	6.0	2.1	5.3	54	27
YE3-90S-6	0.75	380	2.0	950	78.9	0.71	2.0	6.0	2.1	7.2	57	30
YE3-90L-6	1.1	380	2.8	950	81.0	0.73	2.0	6.0	2.1	10.5	57	32
YE3-100L1-6	1.5	380	3.8	955	82.5	0.73	2.0	6.5	2.1	14.3	61	40
YE3-112M-6	2.2	380	5.4	955	84.3	0.74	2.0	6.6	2.1	21.0	65	45
YE3-132S-6	3	380	7.2	970	85.6	0.74	2.0	6.8	2.1	28.7	69	57
YE3-132M1-6	4	380	9.5	970	86.8	0.74	2.0	6.8	2.1	38.2	69	68
YE3-132M2-6	5.5	380	12.7	970	88.0	0.75	2.0	7.0	2.1	52.5	69	78
YE3-160M-6	7.5	380	16.2	980	89.1	0.79	2.0	7.0	2.1	71.6	73	122
YE3-160L-6	11	380	23.1	980	90.3	0.80	2.0	7.2	2.1	105	73	149
YE3-180L-6	15	380	30.9	980	91.2	0.81	2.0	7.3	2.1	143	73	181
YE3-200L1-6	18.5	380	37.8	985	91.7	0.81	2.0	7.3	2.1	177	73	229
YE3-200L2-6	22	380	44.8	985	92.2	0.81	2.0	7.4	2.1	210	73	245
YE3-225M-6	30	380	59.1	990	92.9	0.83	2.0	6.9	2.1	287	74	300
YE3-250M-6	37	380	71.7	990	93.3	0.84	2.0	7.1	2.1	353	76	362
YE3-280S-6	45	380	85.8	990	93.7	0.85	2.0	7.3	2.0	430	78	498
YE3-280M-6	55	380	103	990	94.1	0.86	2.0	7.3	2.0	525	78	577
YE3-280L-6	75	380	143	990	94.6	0.84	2.0	6.6	2.1	716	78	710
YE3-315S-6	75	380	143	990	94.6	0.84	2.0	6.6	2.0	716	83	810
YE3-315M-6	90	380	170	990	94.9	0.85	2.0	6.7	2.0	860	85	900
YE3-315L1-6	110	380	207	990	95.1	0.85	2.0	6.7	2.0	1051	85	1060
YE3-315L2-6	132	380	244	990	95.4	0.86	2.0	6.8	2.0	1261	85	1212
YE3-315L3-6	160	380	296	990	95.6	0.86	1.8	6.8	2.0	1528	85	1310
YE3-355M1-6	160	380	296	990	95.6	0.86	1.8	6.8	2.0	1528	85	1630
YE3-355M2-6	185	380	342	990	95.7	0.86	1.8	6.8	2.0	1767	85	1680
YE3-355M3-6	200	380	365	990	95.8	0.87	1.8	6.8	2.0	1910	95	1750

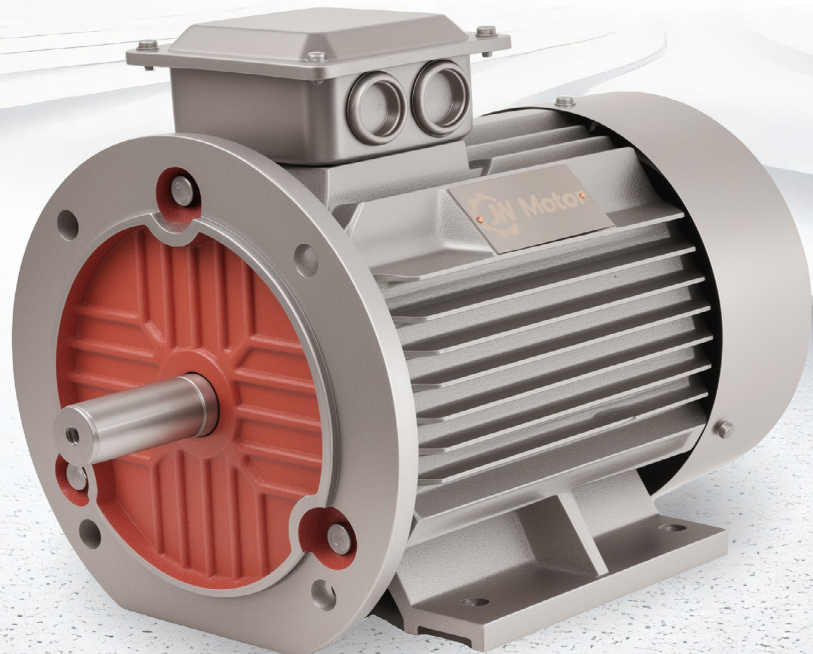
型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/ Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1000r/min												
YE3-355L1-6	220	380	401	990	95.8	0.87	1.8	6.8	2.0	2101	95	1830
YE3-355L2-6	250	380	456	990	95.8	0.87	1.8	6.8	2.0	2388	95	1920
YE3-355L3-6	280	380	510	990	95.8	0.87	1.8	6.8	2.0	2674	99	1960
YE3-355L4-6	315	380	609	995	95.8	0.82	1.6	7.8	1.8	3008	99	2830
YF3-4001-6	355	380	687	995	95.8	0.82	1.6	7.8	1.8	3390	83	2940
YE3-4002-6	400	380	764	995	95.8	0.83	1.6	7.9	1.8	3820	83	3340
YE3-4003-6	450	380	860	995	95.8	0.83	1.6	7.9	1.8	4298	83	3500
YE3-4004-6	500	660	550	995	95.8	0.83	1.6	7.9	1.8	4775	83	3700
同步转速 SynchronousSpeed 750r/min												
YE3-80M1-8	0.18	380	0.8	650	58.7	0.61	1.8	5.2	1.9	2.3	52	27
YE3-80M2-8	0.25	380	1.0	650	64.1	0.61	1.8	5.7	1.9	3.2	52	32
YE3-90S-8	0.37	380	1.3	670	69.3	0.61	1.8	6.2	1.9	4.7	56	36
YE3-90L-8	0.55	380	1.9	670	73.0	0.61	1.8	5.9	2.0	7.0	56	42
YE3-100L1-8	0.75	380	2.3	690	75.0	0.67	1.8	6.2	2.0	9.6	59	45
YE3-100L2-8	1.1	380	3.1	690	77.7	0.69	1.8	6.2	2.0	14.0	59	46
YE3-112M-8	1.5	380	4.1	690	79.7	0.70	1.8	6.7	2.0	19.1	61	47
YE3-132S-8	2.2	380	5.7	710	81.9	0.71	1.8	6.7	2.0	28.0	64	56
YE3-132M-8	3	380	7.5	710	83.5	0.73	1.8	6.9	2.0	38.2	64	69
YE3-160M1-8	4	380	9.8	720	84.8	0.73	1.9	6.9	2.0	50.9	68	118
YE3-160M2-8	5.5	380	13.1	720	86.2	0.74	1.9	6.9	2.0	70.0	68	133
YE3-160L-8	7.5	380	17.4	720	87.3	0.75	1.9	6.6	2.0	95.5	68	140
YE3-180L-8	11	380	25.2	730	88.6	0.75	2.0	6.6	2.0	140	70	169
YE3-200L8	15	380	33.5	730	89.6	0.76	2.0	6.8	2.0	191	70	218
YE3-225S-8	18.5	380	41.0	730	90.1	0.76	1.9	6.8	2.0	236	73	259
YE3-225M-8	22	380	47.3	730	90.6	0.78	1.9	7.0	2.0	280	73	291
YE3-250M-8	30	380	63.2	730	91.3	0.79	1.9	6.7	2.0	382	73	385
YE3-280S-8	37	380	77.5	740	91.8	0.79	1.9	6.7	2.0	471	76	457
YE3-280M-8	45	380	93.9	740	92.2	0.79	1.9	6.7	2.0	573	76	522
YE3-280L-8	55	380	112	740	92.5	0.81	1.8	6.8	2.0	700	76	630
YE3-315S-8	55	380	112	740	92.5	0.81	1.8	6.8	2.0	700	82	1000
YE3-315M-8	75	380	151	740	93.1	0.81	1.8	6.3	2.0	955	82	1005

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 SynchronousSpeed 750r/min												
YE3-315L1-8	90	380	179	740	93.4	0.82	1.8	6.4	2.0	1146	82	1080
YE3-315L2-8	110	380	218	740	93.7	0.82	1.8	6.4	2.0	1401	82	1160
YE3-315L3-8	132	380	260	740	94.0	0.82	1.8	6.4	2.0	1681	82	1345
YE3-355M1-8	132	380	260	740	94.0	0.82	1.8	6.4	2.0	1681	89	1580
YE3-355M2-8	160	380	314	740	94.3	0.82	1.8	6.4	2.0	2037	89	1690
YE3-355L1-8	185	380	362	740	94.5	0.82	1.8	6.4	2.0	2356	89	1840
YE3-355L2-8	200	380	387	740	94.6	0.83	1.8	6.4	2.0	2547	89	1940
YE3-355L3-8	220	380	426	740	94.6	0.83	1.8	6.4	2.0	2801	89	1980
YE3-355L4-8	250	380	502	740	94.6	0.80	1.6	7.5	1.8	3183	92	2800
YE3-4001-8	315	380	632	740	94.6	0.80	1.6	7.5	1.8	4011	92	2990
YE3-4002-8	355	380	713	745	94.6	0.80	1.6	7.5	1.8	4520	92	3570
YE3-4003-8	400	660	462	745	94.6	0.80	1.6	7.5	1.8	5093	92	3765
同步转速 Synchronous Speed 600r/min												
YE3-315S-10	45	380	99.1	590	92.0	0.75	1.5	6.2	2.0	716.2	82	785
YE3-315M-10	55	380	121	590	92.0	0.75	1.5	6.2	2.0	875.4	82	925
YE3-315L1-10	75	380	162	590	92.8	0.76	1.5	5.8	2.0	1194	82	1030
YE3-315L2-10	90	380	191	590	93.0	0.77	1.5	5.9	2.0	1433	82	1080
YE3-355M1-10	90	380	191	590	93.0	0.77	1.5	5.9	2.0	1433	90	1490
YE3-355M2-10	110	380	230	590	93.3	0.78	1.3	6.0	2.0	1750	90	1630
YE3-355M3-10	132	380	274	590	93.8	0.78	1.3	6.1	2.0	2101	90	1750
YE3-355L1-10	160	380	332	590	93.8	0.78	1.3	6.1	2.0	2547	90	1910
YE3-355L2-10	185	380	384	590	93.8	0.78	1.3	6.1	2.0	2945	90	1950

YE4 Series

Three-Phase Asynchronous Motor

YE4 系列三相异步电机



产品介绍 / Product Introduction

YE4 系列电机基于超高效电磁方案设计，整体性能达到 IE4 能效等级，能显著降低设备能耗和运行成本。电机采用低损耗铁心、优化槽型及高导电漆包线，实现更低的温升和更高的功率密度。结构部分升级为加强型机座与高防护等级，可适配多尘、多湿、持续高负载工况。YE4 系列更加适合能源敏感型设备及需全年不间断运行的生产环境，为企业提升能效水平提供坚实动力。

The YE4 series motors feature ultra-efficient electromagnetic design, achieving the IE4 energy-efficiency level to significantly reduce power consumption and operational cost. Low-loss cores, optimized slot geometry, and high-conductivity windings ensure lower temperature rise and greater power density. Reinforced housings and high-protection enclosures provide reliable operation in dusty, humid, and continuous heavy-load conditions. The YE4 series is ideal for energy-intensive applications and 24/7 industrial environments, delivering exceptional efficiency and long-term savings.

Let's Talk

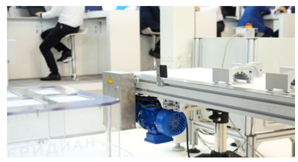
型号说明 / Model Description

Y E4 - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 能效等级IE4 Energy Efficiency Class IE4
- 异步电动机 Asynchronous Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

型号 Model	额定功率 Rated power kW	额定电压 Rated voltage V	额定电流 Rated current A	额定转速 Rated speed r/min	效率 Efficiency η%	功率因数 Cosφ %	堵转转矩 额定转矩 Tst/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn	额定转矩 Rated Torque N.m	噪声 Noise dB (A)	重量 Weight Kg
同步转速 Synchronous Speed 3000r/min												
YE4-80M1-2	0.75	380	1.6	2880	83.5	0.83	2.2	8.5	2.3	2.4	62	19
YE4-80M2-2	1.1	380	2.4	2880	85.2	0.83	2.2	8.5	2.3	3.5	62	20
YE4-90S-2	1.5	380	3.1	2890	86.5	0.85	2.2	9.0	2.3	4.8	67	25
YE4-90L-2	2.2	380	4.4	2890	88.0	0.86	2.2	9.0	2.3	7.0	67	26
YE4-100L-2	3	380	5.9	2910	89.1	0.87	2.2	9.5	2.3	9.6	74	36
YE4-112M-2	4	380	7.7	2910	90.0	0.88	2.2	9.5	2.3	12.8	77	48
YE4-132S1-2	5.5	380	10.4	2945	90.9	0.88	2.0	9.5	2.3	17.5	79	63
YE4-132S2-2	7.5	380	14.0	2940	91.7	0.89	2.0	9.5	2.3	23.9	79	67

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 3000r/min												
YE4-160M2-2	15	380	27.4	2950	93.3	0.89	2.0	9.5	2.3	47.8	81	138
YE4-160L-2	18.5	380	33.7	2950	93.7	0.89	2.0	9.5	2.3	58.9	81	162
YE4-180M-2	22	380	40.0	2965	94.0	0.89	2.0	9.5	2.3	70.0	83	170
YE4-200L1-2	30	380	54.2	2970	94.5	0.89	2.0	9.0	2.3	95.5	84	235
YE4-200L2-2	37	380	66.6	2975	94.8	0.89	2.0	9.0	2.3	117.8	84	260
YE4-225M-2	45	380	80.9	2975	95.0	0.89	2.0	9.0	2.3	143.3	86	330
YE4-250M-2	55	380	98.5	2980	95.3	0.89	2.0	9.0	2.3	175.1	89	410
YE4-280S-2	75	380	134	2980	95.6	0.89	1.8	8.5	2.3	238.8	91	466
YE4-280M-2	90	380	160	2980	95.8	0.89	1.8	8.5	2.3	286.5	91	559
YE4-280L-2	110	380	196	2975	96.0	0.89	1.8	8.5	2.3	350.2	92	660
YE4-315S-2	110	380	196	2975	96.0	0.89	1.8	8.5	2.3	350.2	92	895
YE4-315M-2	132	380	234	2975	96.2	0.89	1.8	8.5	2.3	420.2	92	975
YE4-315L1-2	160	380	284	2975	96.3	0.89	1.8	8.5	2.2	509.3	92	1040
YE4-315L2-2	185	380	328	2975	96.4	0.89	1.8	8.5	2.2	588.9	92	1090
YE4-315L3-2	200	380	354	2975	96.5	0.89	1.8	8.5	2.2	636.7	92	1090
YE4-315L4-2	220	380	385	2985	96.5	0.90	1.6	8.5	2.2	700.3	100	1190
YE4-355M1-2	220	380	385	2985	96.5	0.90	1.6	8.5	2.2	700.3	100	1600
YE4-355M2-2	250	380	433	2985	96.5	0.91	1.6	8.5	2.2	795.8	100	1670
YE4-355L1-2	280	380	484	2985	96.5	0.91	1.6	8.5	2.2	891.3	100	1790
YE4-355L2-2	315	380	545	2985	96.5	0.91	1.6	8.5	2.2	1003	100	1820
YE4-355L3-2	355	380	621	2985	96.5	0.90	1.6	8.6	1.8	1130	100	1860
YE4-4001-2	355	380	621	2985	96.5	0.90	1.6	8.6	1.8	1130	97	2665
YE4-4002-2	400	380	700	2985	96.5	0.90	1.6	8.6	1.8	1273	97	2730
YE4-4003-2	450	380	787	2985	96.5	0.90	1.6	8.6	1.8	1433	97	2775
YE4-4004-2	500	380	875	2985	96.5	0.90	1.6	8.6	1.8	1592	97	3330
YE4-4005-2	560	380	969	2985	96.5	0.91	1.6	8.7	1.8	1783	97	3595
YE4-4006-2	630	660	628	2985	96.5	0.91	1.6	8.7	1.8	2006	97	3675
同步转速 SynchronousSpeed 1500r/min												
YE4-80M1-4	0.55	380	1.4	1435	83.9	0.73	0.73	8.5	2.3	4.7	56	18
YE4-80M2-4	0.75	380	1.8	1435	85.7	0.74	0.74	8.5	2.3	4.8	56	18
YE4-90S-4	1.1	380	2.6	1440	87.2	0.75	0.75	8.5	2.3	7.0	59	24

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
YE4-90L-4	1.5	380	3.4	1440	88.2	0.76	2.3	9.0	2.3	9.6	59	28
YE4-100L1-4	2.2	380	4.7	1450	89.5	0.79	2.3	9.0	2.3	14.0	64	30
YE4-100L2-4	3	380	6.3	1450	90.4	0.80	2.3	9.5	2.3	19.0	64	35
YE4-112M-4	4	380	8.3	1450	91.1	0.80	2.2	9.5	2.3	25.5	65	42
YE4-132S-4	5.5	380	11.4	1470	91.9	0.80	2.0	9.5	2.3	35.0	71	69
YE4-132M-4	7.5	380	15.2	1470	92.6	0.81	2.0	9.5	2.3	47.8	71	79
YE4-160M-4	11	380	21.6	1475	93.3	0.83	2.0	9.5	2.3	70.0	73	137
YE4-160L-4	15	380	28.9	1475	93.9	0.84	2.0	9.5	2.3	95.5	73	152
YE4-180M-4	18.5	380	35.1	1480	94.2	0.85	2.0	9.5	2.3	117.8	76	183
YE4-180L-4	22	380	41.6	1480	94.5	0.85	2.0	9.5	2.3	140.1	76	212
YE4-200L-4	30	380	56.5	1485	94.9	0.85	2.0	9.0	2.3	191.0	76	257
YE4-225S-4	37	380	69.5	1485	95.2	0.85	2.0	9.0	2.3	235.6	78	327
YE4-225M-4	45	380	843	1485	95.4	0.85	2.0	9.0	2.3	286.5	78	360
YE4-250M-4	55	380	102	1485	95.7	0.86	2.0	9.0	2.3	350.1	79	430
YE4-280S-4	75	380	136	1490	96.0	0.87	2.0	8.5	2.3	477.2	80	541
YE4-280M-4	90	380	162	1490	96.1	0.88	2.0	8.5	2.3	573.0	80	580
YE4-280L-4	110	380	195	1485	96.3	0.89	1.8	8.5	2.2	700.3	80	660
YE4-315S-4	110	380	195	1485	96.3	0.89	1.8	8.5	2.2	700.3	88	980
YE4-315M-4	132	380	234	1485	96.4	0.89	1.8	8.5	2.2	840.4	88	985
YE4-315L1-4	160	380	280	1485	96.6	0.90	1.8	8.5	2.2	1019	88	1150
YE4-315L2-4	185	380	323	1485	96.7	0.90	1.8	8.5	2.2	1178	88	1185
YE4-315L3-4	200	380	349	1485	96.7	0.90	1.8	8.5	2.2	1273	88	1185
YE4-315L4-4	220	380	384	1490	96.7	0.90	1.8	8.5	2.2	1401	88	1285
YE4-355M1-4	220	380	384	1490	96.7	0.90	1.8	8.5	2.2	1401	92	1630
YE4-355M2-4	250	380	436	1490	96.7	0.90	1.8	8.5	2.2	1592	92	1680
YE4-355L1-4	280	380	489	1490	96.7	0.90	1.8	8.5	2.2	1783	92	1750
YE4-355L2-4	315	380	550	1490	96.7	0.90	1.8	8.5	2.2	2006	92	1820
YE4-355L3-4	355	380	634	1490	96.7	0.88	1.6	8.5	1.8	2260	92	1860
YE4-4001-4	355	380	634	1490	96.7	0.88	1.6	8.5	1.8	2260	92	2885
YE4-4002-4	400	380	714	1490	96.7	0.88	1.6	8.5	1.8	2547	92	3015
YE4-4003-4	450	380	803	1490	96.7	0.88	1.6	8.5	1.8	2865	92	3045

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
YE4-4004-4	500	380	893	1490	96.7	0.88	1.6	8.5	1.8	3183	93	3510
YE4-4005-4	560	380	989	1490	96.7	0.89	1.6	8.6	1.8	3565	93	3605
YE4-4006-4	630	660	640	1490	96.7	0.89	1.6	8.6	1.8	4011	93	3725
同步转速 Synchronous Speed 1000r/min												
YE4-90S-6	0.75	380	2.0	950	82.7	0.70	2.1	7.5	2.1	7.2	57	32
YE4-90L-6	1.1	380	2.8	950	84.5	0.70	2.1	7.5	2.1	10.5	57	34
YE4-100L-6	1.5	380	3.7	955	85.9	0.71	2.1	7.5	2.1	14.3	61	41
YE4-112M-6	2.2	380	5.4	955	87.4	0.71	2.1	7.5	2.1	21.0	65	48
YE4-132S-6	3	380	7.2	970	88.6	0.71	2.0	7.5	2.1	28.7	69	60
YE4-132M1-6	4	380	9.4	970	89.5	0.72	2.0	8.0	2.1	38.2	69	70
YE4-132M2-6	5.5	380	12.8	970	90.5	0.72	2.0	8.0	2.1	52.5	69	80
YE4-160M-6	7.5	380	16.4	980	91.3	0.76	2.0	8.0	2.1	71.6	73	130
YE4-160L-6	11	380	23.5	980	92.3	0.77	2.0	8.5	2.1	105.1	73	157
YE4-180L-6	15	380	30.7	985	92.9	0.80	2.0	8.5	2.1	143.3	73	190
YE4-200L1-6	18.5	380	37.6	985	93.4	0.80	2.0	8.5	2.3	176.7	73	246
YE4-200L2-6	22	380	44.0	985	93.7	0.81	2.0	8.5	2.1	210.1	73	270
YE4-225M-6	30	380	59.0	990	94.2	0.82	2.0	8.5	2.1	286.5	74	315
YE4-250M-6	37	380	71.7	990	94.5	0.83	2.0	8.3	2.1	353.3	76	395
YE4-280S-6	45	380	86.9	990	94.8	0.83	2.0	8.5	2.0	429.8	78	530
YE4-280M-6	55	380	105	990	95.1	0.84	2.0	8.5	2.0	525.3	78	603
YE4-280L-6	75	380	142	990	95.4	0.84	1.6	8.0	2.0	716.3	78	736
YE4-315S-6	75	380	142	990	95.4	0.84	1.6	8.0	2.0	716.3	83	850
YE4-315M-6	90	380	168	990	95.6	0.85	1.6	8.0	2.0	859.5	83	925
YE4-315L1-6	110	380	205	990	95.8	0.85	1.6	8.0	2.0	1051	83	1085
YE4-315L2-6	132	380	243	990	96.0	0.86	1.6	8.0	2.0	1261	83	1220
YE4-315L3-6	160	380	294	990	96.2	0.86	1.6	8.0	2.0	1528	83	1300
YE4-355M1-6	160	380	294	990	96.2	0.86	1.6	8.0	2.0	1528	85	1630
YE4-355M2-6	185	380	340	990	96.2	0.86	1.6	8.0	2.0	1767	85	1680
YE4-355M3-6	200	380	367	990	96.3	0.86	1.6	8.0	2.0	1910	85	1750
YE4-355L1-6	220	380	404	990	96.3	0.86	1.6	8.0	2.0	2101	85	1830
YE4-355L2-6	250	380	458	990	96.5	0.86	1.6	8.0	2.0	2387	85	1920

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1000r/min												
YE4-355L3-6	280	380	538	990	96.5	0.82	1.6	8.0	2.2	2674	91	1960
YE4-355L4-6	315	380	604	995	96.6	0.82	1.6	7.9	1.8	3008	91	2875
YE4-4001-6	355	380	681	995	96.6	0.82	1.6	7.9	1.8	3390	92	2985
YE4-4002-6	400	380	758	995	96.6	0.83	1.6	8.0	1.8	3820	92	3390
YE4-4003-6	450	380	853	995	96.6	0.83	1.6	8.0	1.8	4298	92	3555
YE4-4004-6	500	660	546	995	96.6	0.83	1.6	8.0	1.8	4775	92	3755
同步转速 SynchronousSpeed 750r/min												
YE4-100L1-8	0.75	380	2.2	710	78.4	0.66	2.0	7.0	2.0	9.6	59	48
YE4-100L2-8	1.1	380	3.1	710	80.8	0.67	2.0	7.0	2.0	14.0	59	49
YE4-112M-8	1.5	380	4.0	710	82.6	0.69	2.0	7.0	2.0	19.1	61	50
YE4-132S-8	2.2	380	5.7	710	84.5	0.70	1.8	7.5	2.0	28.2	64	60
YE4-132M-8	3	380	7.6	710	85.9	0.70	1.8	7.8	2.0	38.2	64	72
YE4-160M1-8	4	380	9.8	720	87.1	0.71	1.8	7.9	2.0	50.9	68	123
YE4-160M2-8	5.5	380	13.1	720	88.3	0.72	1.8	8.1	2.0	70.0	68	139
YE4-160L-8	7.5	380	17.2	720	89.3	0.74	1.8	7.8	2.0	95.5	68	152
YE4-180L-8	11	380	25.0	730	90.4	0.74	1.8	7.9	2.0	140.1	70	180
YE4-200L-8	15	380	33.3	730	91.2	0.75	1.8	8.0	2.0	191.0	73	230
YE4-225S-8	18.5	380	40.9	730	91.7	0.75	1.8	8.1	2.0	235.6	73	273
YE4-225M-8	22	380	47.8	730	92.1	0.76	1.8	8.3	2.0	280.1	73	313
YE4-250M-8	30	380	63.9	730	92.7	0.77	1.8	7.9	2.0	382.0	75	392
YE4-280S-8	37	380	77.4	735	93.1	0.78	1.8	7.9	2.0	471.1	76	485
YE4-280M-8	45	380	93.9	735	93.4	0.78	1.8	7.9	2.0	573.0	76	576
YE4-280L-8	55	380	111	740	93.7	0.80	1.6	8.2	2.0	700.3	76	630
YE4-315S-8	55	380	111	740	93.7	0.80	1.6	8.2	2.0	700.3	82	1000
YE4-315M-8	75	380	151	740	94.2	0.80	1.6	7.6	2.0	955.0	82	1005
YE4-315L1-8	90	380	179	740	94.4	0.81	1.6	7.7	2.0	1146	82	1080
YE4-315L2-8	110	380	218	740	94.7	0.81	1.6	7.7	2.0	1401	82	1160
YE4-315L3-8	132	380	261	740	94.9	0.81	1.6	7.7	2.0	1681	89	1225
YE4-355M1-8	132	380	261	740	94.9	0.81	1.6	7.7	2.0	1681	89	1580
YE4-355M2-8	160	380	312	740	95.1	0.82	1.6	7.7	2.0	2037	89	1690
YE4-355L1-8	185	380	359	740	95.4	0.82	1.6	7.7	2.0	2356	89	1840

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 SynchronousSpeed 750r/min												
YE4-355L2-8	200	380	388	740	95.4	0.82	1.6	7.7	2.0	2547	89	1940
YE4-355L3-8	220	380	438	740	95.4	0.82	1.6	7.8	2.0	2801	89	2070
YE4-355L4-8	250	380	498	740	95.4	0.80	1.6	7.6	1.8	3183	89	2840
YE4-4001-8	315	380	627	740	95.4	0.80	1.6	7.6	1.8	4011	89	3035
YE4-4002-8	355	380	707	745	95.4	0.80	1.6	7.6	1.8	4520	91	3625
YE4-4003-8	400	660	458	745	95.4	0.80	1.6	7.6	1.8	5093	91	3820
同步转速 Synchronous Speed 600r/min												
YE4-315S-10	45	380	98.0	590	93.0	0.75	1.5	6.2	2.0	716.2	82	785
YE4-315M-10	55	380	120	590	93.0	0.75	1.5	5.8	2.0	875.4	82	925
YE4-315L1-10	75	380	160	590	93.8	0.76	1.5	5.9	2.0	1194	82	1030
YE4-315L2-10	90	380	189	590	93.8	0.77	1.5	6.0	2.0	1433	82	1080
YE4-355M1-10	90	380	188	590	93.3	0.77	1.45	6.0	2.0	1433	89	1510
YE4-355M2-10	110	380	228	590	94.1	0.78	1.45	6.0	2.0	1433	89	1630
YE4-355M3-10	132	380	272	590	94.6	0.78	1.45	6.0	2.0	1751	89	1750
YE4-355L1-10	160	380	329	590	94.6	0.78	1.45	6.0	2.0	2547	89	1910
YE4-355L2-10	185	380	381	590	94.6	0.78	1.45	6.0	2.0	2945	89	2040
YE4-4001-10	200	380	433	590	94.9	0.74	1.3	7.0	1.8	3183	89	2915
YE4-4002-10	250	380	541	590	94.9	0.74	1.3	7.0	1.8	3979	89	3045
YE4-4003-10	315	380	655	595	94.9	0.77	1.3	7.1	1.8	5014	91	3680
YE4-4004-10	355	380	738	595	94.9	0.77	1.3	7.1	1.8	5650	91	3930

型号	级数	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	KK	L	LD	LL
63	2,4	100	30	130	115	120	92	80	115	40	11	M5X12	23	13	5	4	8.5	13	63	8	1 - M25X1.5	225	90	92
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X12	30	20	5	5	11	16.5	71	71	1 - M25X1.5	250	102	92
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	1 - M25X1.5	304	119	102
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	1 - M25X1.5	336	143	102
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	1 - M25X1.5	361	143	102
100L	2,4,6,8	160	40	200	205.4	166.6	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	1 - M32X1.5	406	147	102
112M	2,4,6,8	180	50	240	219.4	182	118	140	225	70	28	M10X22	60	50	5	8	24	31	112	15	2 - M32X1.5	452	147	110
132S	2,4,6,8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	2 - M32X1.5	470	172	110
132M	4,6,8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	M - M32X1.5	508	172	110
160M	2,4,6,8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	2 - M40X1.5	608	256	152
160L	2,4,6,8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	2 - M40X1.5	652	256	152
180M	2,4,8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	2 - M40X1.5	688	271	152
180L	4,6,8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	2 - M40X1.5	726	271	152
200L	2,4,6,8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	2 - M50X1.5	779	296	190
225S	4,8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	2 - M50X1.5	824	329	190
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	2 - M50X1.5	819	299	190
225M	4,6,8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	2 - M50X1.5	849	329	190
250M	2	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	2 - M63X1.5	910	347	218
250M	4,6,8	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	58	69	250	30	2 - M63X1.5	910	347	218
280S	2	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	2 - M63X1.5	982	355.5	218
280S	4,6,8	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	20	67.5	79.5	280	35	2 - M63X1.5	982	355.5	218
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	2 - M63X1.5	1033	355.5	218
280M	4,6,8	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	20	67.5	79.5	280	35	2 - M63X1.5	1033	355.5	218
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.4	18	58	69	315	45	2 - M63X1.5	1194	397	280
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	2 - M63X1.5	1224	427	280
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	2 - M63X1.5	1304	397	280
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	2 - M63X1.5	1334	427	280
355L	2	610	116	726	698	642	380	630	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	2 - M63X1.5	1486	414	330
355L	4,6,8,10	610	116	726	398	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	2 - M63X1.5	1516	444	330
400M	2	686	120	806	860	680	485	630	1090	280	85	M24	170	160	5	22	76	90	400	52	3 - M63X1.5	1820	530	430
400M	4,6,8,10	686	120	806	860	680	485	630	1090	280	110	M24	210	200	5	28	100	116	400	52	3 - M63X1.5	1881	570	430

型号	级数	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4	120	120	92	11	M4X12	23	13	5	4	8.5	13	190	1 - M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	136	124	92	14	M5X13	30	20	5	5	11	16.5	204	1 - M25X1.5	250	11	220	102	92	130	110	160	10	3
80	2,4,6,8	167	154.5	102	19	M6X16	40	30	5	6	15.5	21.5	254.5	1 - M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2,4,6,8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1 - M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2,4,6,8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1 - M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2,4,6,8	205.4	173.5	102	28	M10X22	60	50	5	8	24	31	298.5	1 - M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2,4,6,8	219.4	190	118	28	M10X22	60	50	5	8	24	31	315	2 - M32X1.5	452	14	392	147	110	215	180	250	14.5	4
132S	2,4,6,8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2 - M32X1.5	470	14	390	172	110	265	230	300	14.5	4
132M	4,6,8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2 - M32X1.5	508	14	428	172	110	265	230	300	14.5	4
160M	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2 - M40X1.5	608	15	498	256	152	300	250	350	18.5	5
160L	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2 - M40X1.5	652	15	524	256	152	300	250	350	18.5	5
180M	2,4,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2 - M40X1.5	688	15	578	271	152	300	250	350	18.5	5
180L	4,6,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2 - M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2,4,6,8	397	299	210	55	M20X42	110	100	5	16	49	59	499	2 - M50X1.5	779	17	669	296	190	350	300	400	18.5	5
225S	4,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2 - M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	446	322	210	55	M20X42	110	100	5	16	49	59	547	2 - M50X1.5	819	20	704	299	190	400	350	450	18.5	5
225M	4,6,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2 - M50X1.5	849	20	709	329	190	400	350	450	18.5	5
250M	2	485	358	248	60	M20X42	140	125	7.5	18	53	64	633	2 - M63X1.5	910	22	770	347	218	500	450	550	18.5	5
250M	4,6,8	485	358	248	65	M20X42	140	125	7.5	18	58	69	633	2 - M63X1.5	910	22	7700	347	218	500	450	550	18.5	5
280S	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2 - M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280S	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2 - M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280M	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2 - M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2 - M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
315S	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2 - M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2 - M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2 - M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2 - M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2 - M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2 - M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2 - M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2 - M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2 - M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2 - M63X1.5	1516	25	1346	444	330	740	680	800	24	6

型号	级数	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4	100	30	130	115	120	92	80	115	40	11	M4X12	23	13	5	4	8.5	13	63	8	1 - M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X13	30	20	5	5	11	16.5	71	8	1 - M25X1.5	250	11	220	102	92	130	110	160	10	3
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	1 - M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	1 - M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	1 - M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2,4,6,8	160	40	200	205.4	173.5	102	102	140	63	28	M10X22	60	50	5	8	24	31	100	14	1 - M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2,4,6,8	190	50	240	219.4	190	118	118	140	70	28	M10X22	60	50	5	8	24	31	112	15	2 - M32X1.5	452	14	392	147	110	215	180	250	14.5	4
132S	2,4,6,8	216	55	262	258.4	203	118	118	140	89	38	M12X28	80	65	7.5	10	33	41	132	18	2 - M32X1.5	470	14	390	172	110	265	230	300	14.5	4
132M	4,6,8	216	55	262	258.4	203	118	118	178	89	38	M12X28	80	65	7.5	10	33	41	132	18	2 - M32X1.5	508	14	428	172	110	265	230	300	14.5	4
160M	2,4,6,8	254	65	314	314	251	162	162	210	108	42	M16X36	110	90	10	12	37	45	160	20	2 - M40X1.5	608	15	498	256	152	300	250	350	18.5	5
160L	2,4,6,8	254	65	314	314	251	162	162	254	108	42	M16X36	110	90	10	12	37	45	160	20	2 - M40X1.5	652	15	542	256	152	300	250	350	18.5	5
180M	2,4,8	279	70	349	355	267	162	162	241	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	2 - M40X1.5	688	15	578	271	152	300	250	350	18.5	5
180L	4,6,8	279	70	349	355	267	162	162	279	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	2 - M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2,4,6,8	318	70	388	397	299	210	210	305	133	55	M20X42	110	100	5	16	49	59	200	25	2 - M50X1.5	779	17	669	296	190	350	300	400	18.5	5
225S	4,8	356	75	431	446	322	210	210	286	149	60	M20X42	140	125	7.5	18	53	64	225	28	2 - M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	356	75	431	446	322	210	210	311	149	55	M20X42	110	100	5	16	49	59	225	28	2 - M50X1.5	819	20	709	299	190	400	350	450	18.5	5
225M	4,6,8	356	75	431	446	322	210	210	311	149	60	M20X42	140	125	7.5	18	53	64	225	28	2 - M50X1.5	849	20	709	329	190	400	350	450	18.5	5
250M	2	406	80	484	485	358	248	248	349	168	60	M20X42	140	125	7.5	18	53	64	250	30	2 - M63X1.5	910	22	770	347	218	500	450	550	18.5	5
250M	4,6,8	406	80	484	485	358	248	248	349	168	65	M20X42	140	125	7.5	18	58	69	250	30	2 - M63X1.5	910	22	770	347	218	500	450	550	18.5	5
280S	2	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280S	4,6,8	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	2-M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	2-M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	610	116	726	698	642	380	560	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	610	116	726	698	642	380	630	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	610	116	726	698	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6

型号	级数	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	LM	M	N	P	S	T
160M	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	608	15	498	256	152	670	300	250	350	18.5	5
160L	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	652	15	542	256	152	714	300	250	350	18.5	5
180M	2,4,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	44.5	2-M40X1.5	688	15	578	271	152	760	300	250	350	18.5	5
180L	4,6,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	726	15	616	271	152	798	300	250	350	18.5	5
200L	2,4,6,8	397	299	210	55	M20X42	110	100	5	16	49	59	499	2-M50X1.5	771	17	661	296	190	845	350	300	400	18.5	5
225S	4,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	824	20	684	329	190	898	400	350	450	18.5	5
225M	2	446	322	210	55	M20X42	110	100	5	16	49	59	547	2-M50X1.5	819	20	709	299	190	893	400	350	450	18.5	5
225M	4,6,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	849	20	709	329	190	893	400	350	450	18.5	5
250M	2	485	358	248	60	M20X42	140	125	7.5	18	53	64	633	2-M63X1.5	910	22	770	347	218	986	500	450	550	18.5	5
250M	4,6,8	485	358	248	65	M20X42	140	125	7.5	18	58	69	633	2-M63X1.5	910	22	770	347	218	986	500	450	550	18.5	5
280S	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	982	22	842	355.5	218	1058	500	450	550	18.5	5
280S	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	982	22	842	355.5	218	1058	500	450	550	18.5	5
280M	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	1033	22	893	355.5	218	1109	500	450	550	18.5	5
280M	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	1033	22	893	355.5	218	1109	500	450	550	18.5	5
315S	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1178	22	1038	397	280	1259	600	550	660	24	6
315S	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1208	22	1038	427	280	1289	600	550	660	24	6
315M	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1288	22	1148	397	280	1369	600	550	660	24	6
315M	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1318	22	1148	427	280	1399	600	550	660	24	6
315L	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1288	22	1148	397	280	1369	600	550	660	24	6
315L	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1318	22	1148	427	280	1399	600	550	660	24	6
355M	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	1567	740	680	800	24	6
355M	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	1597	740	680	800	24	6
355L	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	1567	740	680	800	24	6
355L	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	1597	740	680	800	24	6

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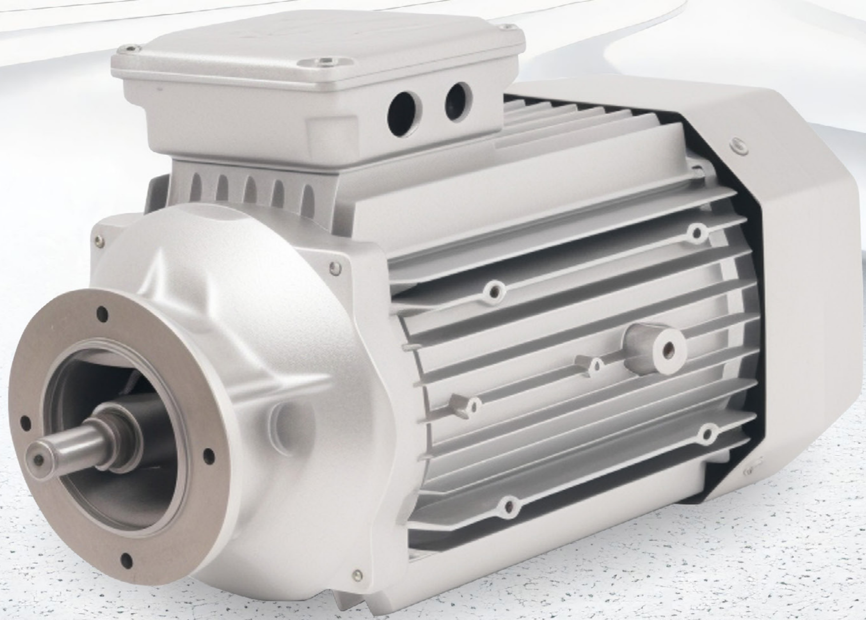
RFKS SERIES（IE3）

THREE-PHASE ASYNCHRONOUS MOTORS FOR GEAR REDUCERS

RFKS 系列减速机专用三相异步电机



产品介绍 / Product Introduction

RFKS 系列为减速机场景优化设计，与 SEW 四大系列结构全面适配。采用一体式输入端、加强法兰及高精度轴系，有效提升同心度与传动稳定性。基于低速大扭矩工况强化绕组与轴承配置，在长时间低速重载运行中保持高可靠性。RFKS 系列可实现高度紧凑安装，是自动化产线、输送系统及包装设备的定制化动力单元。

The RFKS series is optimized for reducer-driven applications and fully compatible with SEW’ s four major reducer platforms. Its integrated input design, reinforced flange, and precision shaft system enhance alignment accuracy and transmission stability. Heavy-duty windings and upgraded bearings ensure reliable performance under low-speed, high-torque operation. Compact and adaptable, the RFKS series is ideal for automated lines, conveyors, and packaging systems requiring geared power units.

Let's Talk

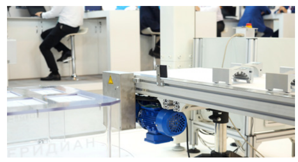
型号说明 / Model Description

RFKS (IE3) - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 能效等级IE3 Energy Efficiency Class IE3
- 减速机型号 Reducer Model

应用行业 / Application Industries



技术参数 / Technical Parameters

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB(A)	Kg
同步转速 Synchronous Speed 3000r/min												
80M1-2	0.75	380	1.7	2880	80.7	0.82	2.3	7.0	2.3	2.4	62	18
80M2-2	1.1	380	2.4	2880	82.7	0.83	2.2	7.6	2.3	3.5	62	19
90S-2	1.5	380	3.2	2890	84.2	0.84	2.2	7.9	2.3	4.8	67	23
90L-2	2.2	380	4.6	2890	85.9	0.85	2.2	7.9	2.3	7.0	67	24
100L-2	3	380	6.0	2910	87.1	0.87	2.2	8.5	2.3	9.6	74	34
112M-2	4	380	7.8	2910	88.1	0.88	2.2	8.5	2.3	12.7	77	44
132S1-2	5.5	380	10.6	2945	89.2	0.88	2.0	8.5	2.3	17.5	79	58
132S2-2	7.5	380	14.4	2940	90.1	0.88	2.0	8.5	2.3	23.9	79	63

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 3000r/min												
160M2-2	15	380	27.9	2950	91.9	0.89	2.0	8.5	2.3	47.8	81	135
160L-2	18.5	380	34.2	2950	92.4	0.89	2.0	8.5	2.3	58.9	81	150
180M-2	22	380	40.5	2960	92.7	0.89	2.0	8.5	2.3	70.0	83	161
200L1-2	30	380	54.9	2970	93.3	0.89	2.0	8.5	2.3	95.5	84	230
200L2-2	37	380	67.4	2975	93.7	0.89	2.0	8.5	2.3	118	84	256
225M-2	45	380	80.8	2975	94.0	0.90	2.0	8.0	2.3	143	86	317
250M-2	55	380	98.5	2970	94.3	0.90	2.0	8.0	2.3	175	89	400
280S-2	75	380	134	2980	94.7	0.90	1.8	7.5	2.3	239	91	460
280M-2	90	380	160	2980	95.0	0.90	1.8	7.5	2.3	287	91	530
280L-2	110	380	195	2980	95.2	0.90	1.8	7.5	2.3	350	92	656
315S-2	110	380	195	2975	95.2	0.90	1.8	7.5	2.3	350	92	875
315M-2	132	380	234	2975	95.4	0.90	1.8	7.5	2.3	420	92	965
315L1-2	160	380	279	2975	95.6	0.91	1.8	7.5	2.3	509	92	1033
315L2-2	185	380	323	2975	95.7	0.91	1.8	7.5	2.3	589	92	1085
315L3-2	200	380	349	2975	95.8	0.91	1.8	7.5	2.2	637	92	1085
315L4-2	220	380	383	2975	95.8	0.91	1.6	7.5	2.2	700	100	1310
355M1-2	220	380	383	2980	95.8	0.91	1.6	7.5	2.2	700	100	1600
355M2-2	250	380	436	2980	95.8	0.91	1.6	7.5	2.2	796	100	1670
355L1-2	280	380	488	2980	95.8	0.91	1.6	7.5	2.2	891	100	1790
355L2-2	315	380	549	2980	95.8	0.91	1.6	7.5	2.2	1003	100	1820
355L3-2	355	380	619	2980	95.8	0.91	1.6	7.5	2.2	1130	100	1860
4001-2	355	380	626	2985	95.8	0.90	1.6	8.6	1.8	1130	101	2625
4002-2	400	380	705	2985	95.8	0.91	1.6	8.7	1.8	2006	106	3620
4003-2	450	380	793	2985	95.8	0.90	1.6	8.6	1.8	1273	101	2690
4004-2	500	380	881	2985	95.8	0.90	1.6	8.6	1.8	1433	105	2735
4005-2	560	380	976	2985	95.8	0.90	1.6	8.6	1.8	1592	105	3280
4006-2	630	660	632	2985	95.8	0.91	1.6	8.7	1.8	1783	106	3540
同步转速 Synchronous Speed 1500r/min												
80M1-4	0.55	380	1.4	1435	80.8	0.75	2.4	6.6	2.3	3.5	56	16
80M2-4	0.75	380	1.8	1435	82.5	0.75	2.3	6.6	2.3	4.8	56	17
90S-4	1.1	380	2.6	1440	84.1	0.76	2.3	6.8	2.3	7.0	59	23

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
90L-4	1.5	380	3.5	1440	85.3	0.77	2.3	7.0	2.3	9.6	59	25
100L1-4	2.2	380	4.8	1450	86.7	0.81	2.3	7.6	2.3	14.0	64	27
100L2-4	3	380	6.3	1450	87.7	0.82	2.3	7.6	2.3	19.1	64	30
112M-4	4	380	8.4	1450	88.6	0.82	2.2	7.8	2.3	25.5	65	35
132S-4	5.5	380	11.2	1470	89.6	0.83	2.0	7.9	2.3	35.0	71	65
132M-4	7.5	380	15.0	1470	90.4	0.84	2.0	7.5	2.3	47.8	71	78
160M-4	11	380	21.5	1475	91.4	0.85	2.2	7.7	2.3	70.0	73	135
160L-4	15	380	28.8	1475	92.1	0.86	2.2	7.8	2.3	95.5	73	147
180M-4	18.5	380	35.3	1480	92.6	0.86	2.0	7.8	2.3	118	76	172
180L-4	22	380	41.8	1480	93.0	0.86	2.0	7.8	2.3	140	76	198
200L-4	30	380	56.6	1475	93.6	0.86	2.0	7.3	2.3	191	76	251
225S-4	37	380	69.6	1485	93.9	0.86	2.0	7.4	2.3	236	78	305
225M-4	45	380	84.4	1485	94.2	0.86	2.0	7.4	2.3	287	78	335
250M-4	55	380	103	1480	94.6	0.86	2.2	7.4	2.3	350	79	420
280S-4	75	380	136	1490	95.0	0.88	2.0	6.9	2.3	478	80	510
280M-4	90	380	163	1490	95.2	0.88	2.0	6.9	2.3	573	80	570
280L-4	110	380	197	1490	95.4	0.89	1.8	7.5	2.3	700	80	650
315S-4	110	380	197	1485	95.4	0.89	2.0	7.0	2.2	700	88	870
315M-4	132	380	236	1485	95.6	0.89	2.0	7.0	2.2	840	88	960
315L1-4	160	380	285	1485	95.8	0.89	2.0	7.1	2.2	1019	88	1140
315L2-4	185	380	326	1485	95.9	0.90	2.0	7.1	2.2	1178	88	1144
315L3-4	200	380	352	1485	96.0	0.90	2.0	7.1	2.2	1273	88	1144
315L4-4	220	380	387	1485	96.0	0.90	2.0	7.1	2.2	1401	88	1310
355M1-4	220	380	387	1490	96.0	0.90	2.0	7.1	2.2	1401	95	1630
355M2-4	250	380	440	1490	96.0	0.90	2.0	7.1	2.2	1592	95	1680
355L1-4	280	380	492	1490	96.0	0.90	2.0	7.1	2.2	1783	95	1750
355L2-4	315	380	554	1490	96.0	0.90	2.0	7.1	2.2	2006	95	1820
355L3-4	355	380	624	1490	96.0	0.90	2.0	7.1	2.2	2260	95	1860
4001-4	355	380	638	1490	96.0	0.88	1.6	8.4	1.8	2547	99	2840
4002-4	400	380	719	1490	96.0	0.88	1.6	8.4	1.8	2865	99	2970

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1500r/min												
4004-4	500	380	899	1490	96.0	0.88	1.6	8.4	1.8	3565	102	3455
4005-4	560	380	996	1490	96.0	0.89	1.6	8.5	1.8	4011	105	3550
4006-4	630	660	645	1490	96.0	0.89	1.6	8.5	1.8	4520	105	3670
同步转速 Synchronous Speed 1000r/min												
80M1-6	0.37	380	1.1	928	73.5	0.70	1.9	6.0	2.0	3.5	54	26
80M2-6	0.55	380	1.5	928	77.2	0.72	1.9	6.0	2.1	5.3	54	27
90S-6	0.75	380	2.0	950	78.9	0.71	2.0	6.0	2.1	7.2	57	30
90L-6	1.1	380	2.8	950	81.0	0.73	2.0	6.0	2.1	10.5	57	32
100L1-6	1.5	380	3.8	955	82.5	0.73	2.0	6.5	2.1	14.3	61	40
112M-6	2.2	380	5.4	955	84.3	0.74	2.0	6.6	2.1	21.0	65	45
132S-6	3	380	7.2	970	85.6	0.74	2.0	6.8	2.1	28.7	69	57
132M1-6	4	380	9.5	970	86.8	0.74	2.0	6.8	2.1	38.2	69	68
132M2-6	5.5	380	12.7	970	88.0	0.75	2.0	7.0	2.1	52.5	69	78
160M-6	7.5	380	16.2	980	89.1	0.79	2.0	7.0	2.1	71.6	73	122
160L-6	11	380	23.1	980	90.3	0.80	2.0	7.2	2.1	105	73	149
180L-6	15	380	30.9	980	91.2	0.81	2.0	7.3	2.1	143	73	181
200L1-6	18.5	380	37.8	985	91.7	0.81	2.0	7.3	2.1	177	73	229
200L2-6	22	380	44.8	985	92.2	0.81	2.0	7.4	2.1	210	73	245
225M-6	30	380	59.1	990	92.9	0.83	2.0	6.9	2.1	287	74	300
250M-6	37	380	71.7	990	93.3	0.84	2.0	7.1	2.1	353	76	362
280S-6	45	380	85.8	990	93.7	0.85	2.0	7.3	2.0	430	78	498
280M-6	55	380	103	990	94.1	0.86	2.0	7.3	2.0	525	78	577
280L-6	75	380	143	990	94.6	0.84	2.0	6.6	2.1	716	78	710
315S-6	75	380	143	990	94.6	0.84	2.0	6.6	2.0	716	83	810
315M-6	90	380	170	990	94.9	0.85	2.0	6.7	2.0	860	85	900
315L1-6	110	380	207	990	95.1	0.85	2.0	6.7	2.0	1051	85	1060
315L2-6	132	380	244	990	95.4	0.86	2.0	6.8	2.0	1261	85	1212
315L3-6	160	380	296	990	95.6	0.86	1.8	6.8	2.0	1528	85	1310
355M1-6	160	380	296	990	95.6	0.86	1.8	6.8	2.0	1528	85	1630
355M2-6	185	380	342	990	95.7	0.86	1.8	6.8	2.0	1767	85	1680

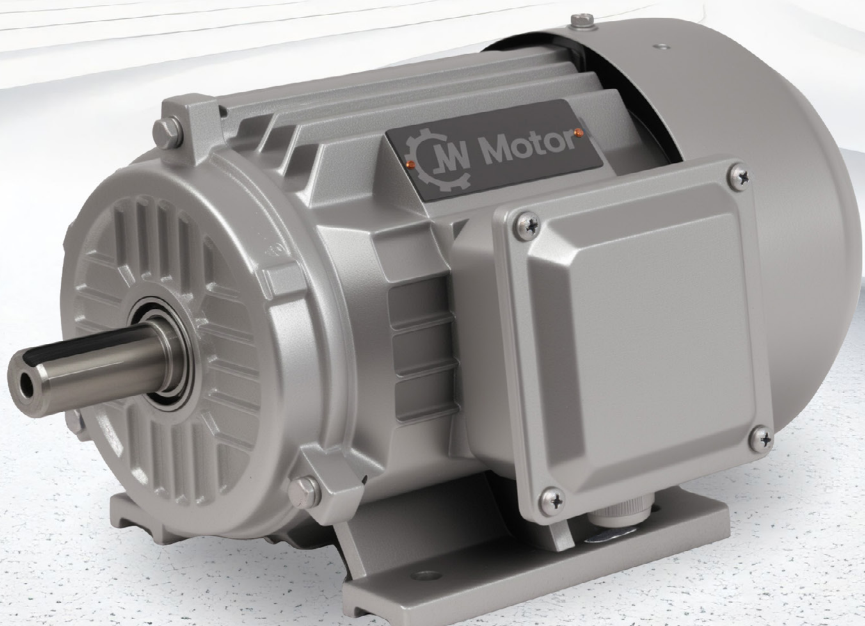
型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 1000r/min												
355L1-6	220	380	401	990	95.8	0.87	1.8	6.8	2.0	2101	95	1830
355L2-6	250	380	456	990	95.8	0.87	1.8	6.8	2.0	2388	95	1920
355L3-6	280	380	510	990	95.8	0.87	1.8	6.8	2.0	2674	99	1960
355L4-6	315	380	609	995	95.8	0.82	1.6	7.8	1.8	3008	99	2830
4001-6	355	380	687	995	95.8	0.82	1.6	7.8	1.8	3390	83	2940
4002-6	400	380	764	995	95.8	0.83	1.6	7.9	1.8	3820	83	3340
4003-6	450	380	860	995	95.8	0.83	1.6	7.9	1.8	4298	83	3500
4004-6	500	660	550	995	95.8	0.83	1.6	7.9	1.8	4775	83	3700
同步转速 Synchronous Speed 750r/min												
80M1-8	0.18	380	0.8	650	58.7	0.61	1.8	5.2	1.9	2.3	52	27
80M2-8	0.25	380	1.0	650	64.1	0.61	1.8	5.7	1.9	3.2	52	32
90S-8	0.37	380	1.3	670	69.3	0.61	1.8	6.2	1.9	4.7	56	36
90L-8	0.55	380	1.9	670	73.0	0.61	1.8	5.9	2.0	7.0	56	42
100L1-8	0.75	380	2.3	690	75.0	0.67	1.8	6.2	2.0	9.6	59	45
100L2-8	1.1	380	3.1	690	77.7	0.69	1.8	6.2	2.0	14.0	59	46
112M-8	1.5	380	4.1	690	79.7	0.70	1.8	6.7	2.0	19.1	61	47
132S-8	2.2	380	5.7	710	81.9	0.71	1.8	6.7	2.0	28.0	64	56
132M-8	3	380	7.5	710	83.5	0.73	1.8	6.9	2.0	38.2	64	69
160M1-8	4	380	9.8	720	84.8	0.73	1.9	6.9	2.0	50.9	68	118
160M2-8	5.5	380	13.1	720	86.2	0.74	1.9	6.9	2.0	70.0	68	133
160L-8	7.5	380	17.4	720	87.3	0.75	1.9	6.6	2.0	95.5	68	140
180L-8	11	380	25.2	730	88.6	0.75	2.0	6.6	2.0	140	70	169
200L8	15	380	33.5	730	89.6	0.76	2.0	6.8	2.0	191	70	218
225S-8	18.5	380	41.0	730	90.1	0.76	1.9	6.8	2.0	236	73	259
225M-8	22	380	47.3	730	90.6	0.78	1.9	7.0	2.0	280	73	291
250M-8	30	380	63.2	730	91.3	0.79	1.9	6.7	2.0	382	73	385
280S-8	37	380	77.5	740	91.8	0.79	1.9	6.7	2.0	471	76	457
280M-8	45	380	93.9	740	92.2	0.79	1.9	6.7	2.0	573	76	522
280L-8	55	380	112	740	92.5	0.81	1.8	6.8	2.0	700	76	630
315S-8	55	380	112	740	92.5	0.81	1.8	6.8	2.0	700	82	1000

型号 Model	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	额定转速 Rated speed	效率 Efficiency	功率因数 Cosφ	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	额定转矩 Rated Torque	噪声 Noise	重量 Weight
	kW	V	A	r/min	η%	%	Tst/Tn	Ist/In	Tmax/Tn	N.m	dB (A)	Kg
同步转速 Synchronous Speed 750r/min												
315L1-8	90	380	179	740	93.4	0.82	1.8	6.4	2.0	1146	82	1080
315L2-8	110	380	218	740	93.7	0.82	1.8	6.4	2.0	1401	82	1160
315L3-8	132	380	260	740	94.0	0.82	1.8	6.4	2.0	1681	82	1345
355M1-8	132	380	260	740	94.0	0.82	1.8	6.4	2.0	1681	89	1580
355M2-8	160	380	314	740	94.3	0.82	1.8	6.4	2.0	2037	89	1690
355L1-8	185	380	362	740	94.5	0.82	1.8	6.4	2.0	2356	89	1840
355L2-8	200	380	387	740	94.6	0.83	1.8	6.4	2.0	2547	89	1940
355L3-8	220	380	426	740	94.6	0.83	1.8	6.4	2.0	2801	89	1980
355L4-8	250	380	502	740	94.6	0.80	1.6	7.5	1.8	3183	92	2800
4001-8	315	380	632	740	94.6	0.80	1.6	7.5	1.8	4011	92	2990
4002-8	355	380	713	745	94.6	0.80	1.6	7.5	1.8	4520	92	3570
4003-8	400	660	462	745	94.6	0.80	1.6	7.5	1.8	5093	92	3765
90L-8	0.55	380	1.9	670	73.0	0.61	1.8	5.9	2.0	7.0	56	42
100L1-8	0.75	380	2.3	690	75.0	0.67	1.8	6.2	2.0	9.6	59	45
100L2-8	1.1	380	3.1	690	77.7	0.69	1.8	6.2	2.0	14.0	59	46
同步转速 Synchronous Speed 600r/min												
315S-10	45	380	99.1	590	92.0	0.75	1.5	6.2	2.0	716.2	82	785
315M-10	55	380	121	590	92.0	0.75	1.5	6.2	2.0	875.4	82	925
315L1-10	75	380	162	590	92.8	0.76	1.5	5.8	2.0	1194	82	1030
315L2-10	90	380	191	590	93.0	0.77	1.5	5.9	2.0	1433	82	1080
355M1-10	90	380	191	590	93.0	0.77	1.5	5.9	2.0	1433	90	1490
355M2-10	110	380	230	590	93.3	0.78	1.3	6.0	2.0	1750	90	1630
355M3-10	132	380	274	590	93.8	0.78	1.3	6.1	2.0	2101	90	1750
355L1-10	160	380	332	590	93.8	0.78	1.3	6.1	2.0	2547	90	1910
355L2-10	185	380	384	590	93.8	0.78	1.3	6.1	2.0	2945	90	1950

YD SERIES

POLE CHANGING MULTI-SPEED THREE-PHASE ASYNCHRONOUS MOTOR

YD 系列变极多速三相异步电机



产品介绍 / Product Introduction

YD 系列电机采用变极调速结构，可实现两速、三速甚至四速运行，以适应不同工况对转速的需求。无需变频器即可切换多档转速，使设备调节更简单、成本更低。电机内部采用耐高温绝缘材料与精密绕组技术，确保频繁切换下依旧保持稳定输出。YD 系列常用于对风量、流量或加工节拍有变化要求的设备，是一种经济可靠的多速驱动解决方案。

The YD series pole-changing motors provide two-, three-, or four-speed operation to meet varying speed requirements without the need for a frequency inverter. Speed switching is straightforward and cost-effective, making system control easier. High-temperature insulation and precise winding processes ensure stable output even under frequent switching conditions. The YD series is ideal for equipment requiring adjustable airflow, flow rate, or processing cycles, delivering a reliable and economical multi-speed power solution.

Let's Talk

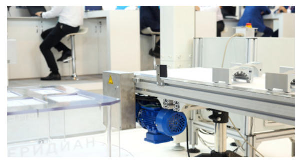
型号说明 / Model Description

YD - 160 M 1 - 2

- 2 — 级数 No. Of Poles
- 1 — 铁芯长度 Core Length
- M — 机座长度 Frame Length
- 160 — 电动机轴心高 Center Height
- YD — 异步变极多速电机 Asynchronous Pole-Changeable Electric Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

机座号 Frame size	转速 Speed(r/min)	转速 (min)	功率 Output (kVv)	电流 Current (A)	效率 Eff(%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/in	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD801	4	1420	0.45	1.4	66	0.74	6.5	1.5	1.8
	2	2860	0.55	1.5	65	0.85	7	1.6	1.8
YD802	4	1420	0.55	1.7	68	0.74	6.5	1.5	1.8
	2	2860	0.75	2	66	0.85	7	1.6	1.8
YD90S	4	1430	0.85	2.3	74	0.77	6.5	1.5	1.8
	2	2850	1.1	2.8	73	0.84	7	1.6	1.8
YD90L	4	1430	1.3	3.3	76	0.78	6.5	1.5	1.8
	2	2850	1.8	4.3	74	0.84	7	1.6	1.8
YD100L1	4	1430	2	4.8	78	0.81	6.5	1.5	1.8
	2	2850	2.4	5.6	76	0.86	7	1.6	1.8
YD100L2	4	1430	2.4	5.6	79	0.83	6.5	1.5	1.8
	2	2850	3	6.7	77	0.89	7	1.6	1.8
YD112M	4	1450	3.3	7.4	81	0.83	6.5	1.5	1.8
	2	2860	4	8.6	80	0.88	7	1.6	1.8
YD132S	4	1450	4.5	9.8	83	0.84	6.5	1.5	1.8
	2	2860	5.5	11.9	79	0.88	7	1.6	1.8

机座号 Frame size	转速 Speed(r/min)	转速 (min)	功率 Output (kVv)	电流 Current (A)	效率 Eff(%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/in	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD132M	4	1450	6.5	13.8	84	0.85	6.5	1.5	1.8
	2	2880	8	17.1	80	0.89	7	1.6	1.8
YD160M	4	1460	9	18.5	87	0.85	6.5	1.5	1.8
	2	2920	11	22.9	82	0.89	7	1.6	1.8
YD160L	4	1460	11	22.3	87	0.86	6.5	1.5	1.8
	2	2920	14	28.8	82	0.9	7	1.6	1.8
YD180M	4	1470	15	29.4	89	0.87	6.5	1.5	1.8
	2	2940	18.5	36.7	85	0.9	7	1.6	1.8
YD180L	4	1470	18.5	35.9	89	0.88	6.5	1.5	1.8
	2	2940	22	42.7	86	0.91	7	1.6	1.8
YD200L	4	1470	26	49.9	89	0.89	6.5	1.4	1.8
	2	2950	30	58.3	85	0.92	7	1.4	1.8
YD225S	4	1480	32	60.7	90	0.89	6.5	1.4	1.8
	2	2960	37	71.7	86	0.92	7	1.4	1.8
YD225M	4	1480	37	69.4	91	0.89	6.5	1.4	1.8
	2	2960	45	86.4	87	0.92	7	1.4	1.8
YD250M	4	1480	45	84.4	91	0.89	6.5	1.4	1.8
	2	2960	55	103.2	88	0.92	7	1.4	1.8
YD280S	4	1480	60	111.3	91	0.9	6.5	1.4	1.8
	2	2970	72	135.1	88	0.92	7	1.4	1.8
YD280M	4	1480	72	133.6	91	0.9	6.5	1.4	1.8
	2	2970	82	152.2	88	0.93	7	1.4	1.8
YD90S	6	920	0.65	2.2	64	0.7	6	1.4	1.8
	4	1420	0.85	2.3	70	0.79	6.5	1.3	1.8
YD90L	6	930	0.85	2.8	66	0.7	6	1.4	1.8
	4	1420	1.1	3	71	0.79	6.5	1.3	1.8
YD100L1	6	940	1.3	3.8	74	0.7	6	1.4	1.8
	4	1440	1.8	4.4	77	0.8	6.5	1.3	1.8
YD100L2	6	940	1.5	4.3	75	0.7	6	1.4	1.8
	4	1440	2.2	5.4	77	0.8	6.5	1.4	1.8
YD112M	6	960	2.2	5.7	77	0.75	6	1.4	1.8
	4	1440	2.8	6.7	77	0.82	6.5	1.3	1.8
YD132S	6	960	3	7.7	79	0.7	6	1.3	1.8
	4	1440	4	9.5	80	0.82	6.5	1.3	1.8
YD132M	6	960	4	9.8	81	0.76	6	1.4	1.8
	4	1440	5.5	12.3	80	0.85	6.5	1.3	1.8
YD160M	6	970	6.5	15.1	84	0.78	6	1.4	1.8
	4	1460	8	17.4	83	0.85	6.5	1.3	1.8

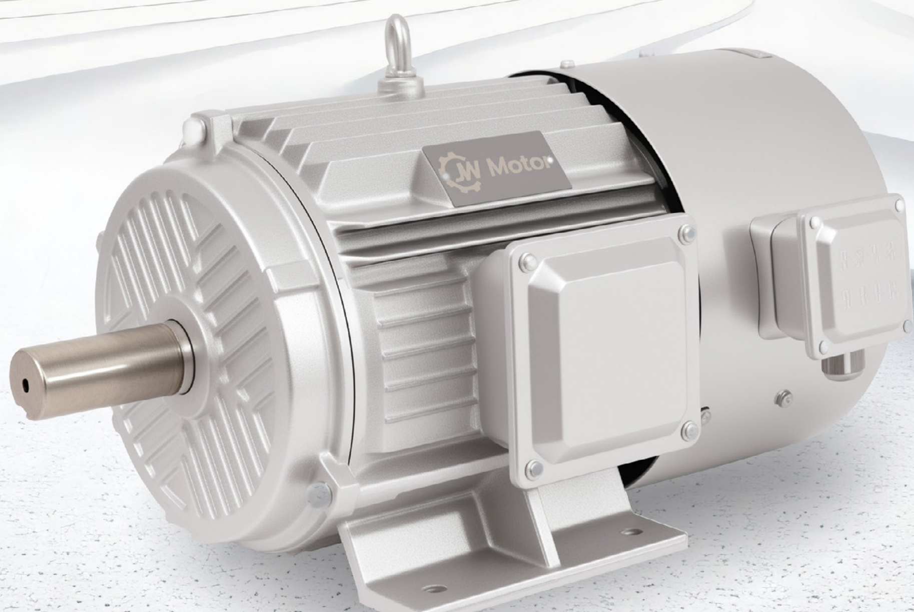
机座号 Frame size	转速 Speed(r/min)	转速 (min)	功率 Output (kVv)	电流 Current (A)	效率 Eff(%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/in	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD160L	6	970	9	20.6	85	0.78	6	1.4	1.8
	4	1460	11	23.4	84	0.85	6.5	1.3	1.8
YD180M	6	980	11	25.9	85	0.78	6	1.4	1.8
	4	1470	14	29.8	85	0.85	6.5	1.3	1.8
YD180L	6	980	13	29.4	86	0.78	6	1.4	1.8
	4	1460	16	33.6	85	0.85	6.5	1.3	1.8
YD200L	6	980	18.5	41.4	87	0.78	6	1.4	1.8
	4	1460	22	44.7	87	0.86	6.5	1.3	1.8
YD225S	6	980	22	44.2	88	0.86	6.5	1.4	1.8
	4	1470	28	56.2	87	0.87	7	1.3	1.8
YD225M	6	980	26	52.2	88	0.86	6.5	1.4	1.8
	4	1470	34	66	87	0.9	7	1.3	1.8
YD250M	6	980	32	62.1	90	0.87	6.5	1.4	1.8
	4	1470	42	74.7	88	0.91	7	1.3	1.8
YD280S	6	980	42	81.5	90	0.87	6.5	1.4	1.8
	4	1480	55	104.2	89	0.9	7	1.3	1.8
YD280M	6	680	55	106.7	90	0.87	6.5	1.4	1.8
	4	1420	72	138.1	89	0.89	7	1.3	1.8
YD90L	8	700	0.45	1.9	58	0.63	5.5	1.5	1.8
	4	1420	0.75	1.92	72	0.87	6.5	1.5	1.8
YD100L	8	700	0.85	3.1	68	0.63	5.5	1.5	1.8
	4	1420	1.5	3.5	75	0.88	6.5	1.5	1.8
YD112M	8	700	1.5	5	72	0.63	5.5	1.5	1.8
	4	1420	2.4	5.3	78	0.88	6.5	1.5	1.8
YD132S	8	720	2.2	7	75	0.64	5.5	1.5	1.8
	4	1440	3.3	7.1	80	0.88	6.5	1.5	1.8
YD132M	8	720	3	9	78	0.65	5.5	1.5	1.8
	4	1440	4.5	9.4	82	0.88	6.5	1.5	1.8
YD160M	8	730	5	13.9	83	0.68	6.5	1.5	1.8
	4	1450	7.5	17.5	84	0.89	6.5	1.5	1.8
YD160L	8	730	7	19	85	0.66	5.5	1.5	1.8
	4	1450	11	21.8	86	0.89	6.5	1.5	1.8
YD180L	8	730	11	23.6	86	0.74	6	1.5	1.8
	4	1470	17	31	90	0.89	6.5	1.5	1.8
YD200L1	8	740	14	31	87	0.74	6	1.5	1.8
	4	1470	22	41.3	88	0.92	7	1.5	1.8

机座号 Frame size	安装尺寸 Mounting Dimensions(mm)															外形尺寸 Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
YD80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	290
YD90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	315
YD90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	315
YD100L	160	140	70	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	245	380
YD112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	245	240	190	265	400
YD132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	475
YD132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	515
YD160M	254	210	108	42	10	12	37	160	15	300	250	350	0	19	5	325	325	255	385	600
YD160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	325	325	255	385	645
YD180M	279	241	121	48	110	14	42	180	15	300	250	350	0	19	5	355	360	282	430	710
YD180L	279	279	121	48	110	14	42	180	15	300	250	350	0	19	5	355	360	282	430	710
YD200L	318	306	133	55	110	16	49	200	19	350	300	400	0	19	5	395	400	310	475	775
YD225S	365	265	149	60	140	18	53	225	19	400	350	450	0	19	5	435	470	345	520	820
YD225M	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	435	515	345	520	845
YD250M	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	490	515	385	575	930

YDT SERIES

POLE-CHANGING MULTI-SPEED THREE-PHASE INDUCTION MOTORS FOR FANS AND PUMPS

YDT 系列风机水泵专用变极多速三相异步电机



产品介绍 / Product Introduction

YDT 系列为风机和水泵专用设计，采用优化转矩特性，使电机在启动和稳定运行阶段都具备良好的输出表现。定转子铁芯减少损耗，提升运行效率；同时增强散热结构与防护等级，以适应长时间连续运转。电机启动电流低、振动小、噪音低，可有效提升设备整体性能和运行稳定性。YDT 系列是暖通、水处理以及通风排气类设备的高性价比动力选择。

The YDT series motors are specially designed for fans and pumps, featuring optimized torque characteristics for strong starting performance and stable continuous operation. Low-loss cores improve efficiency, while enhanced cooling and protection structures support long-duration running. These motors offer low starting current, minimal vibration, and reduced noise, improving the overall stability and performance of the equipment. The YDT series provides a cost-effective and reliable power solution for HVAC, water treatment, and ventilation systems.

Let's Talk

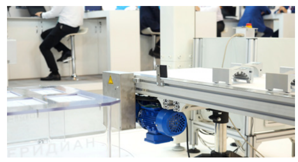
型号说明 / Model Description

YD T - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 风机水泵专用 For Fans And Pumps
- 异步变极多速电机 Asynchronous Pole-Changeable Electric Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

型号 Type	功率 Output (kW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSφ)	噪音 Noiselevel DB (A)	堵转转矩 Locked Torque Rated Torque	堵转电流 Locked Current Rated Currend
YDT80M1-2/4	0.75/0.17	1.9/0.7	2850/1410	68.0/58.0	0.82/0.60	79	2.0/1.4	7.5/5.5
YDT80M2-2/4	0.95/0.25	2.4/0.9	2850/1410	70.0/64.0	0.81/0.65	79	2.0/1.4	7.5/5.5
YDT90S-2/4	1.40/0.30	3.5/0.9	2810/1430	71.0/70.0	0.82/0.72	79	2.0/1.4	7.5/5.5
YDT90L-2/4	1.90/0.40	4.3/1.1	2810/1430	75.0/72.0	0.86/0.73	83	2.0/1.4	7.5/5.5
YDT100L1-2/4	2.50/0.65	5.3/1.8	2890/1420	82.0/74.0	0.87/0.72	83	2.0/1.4	7.5/5.5
YDT100L2-2/4	3.10/0.80	6.4/2.2	2890/1420	82.0/76.0	0.87/0.72	87	2.0/1.4	7.5/5.5
YDT112M-2/4	4.40/1.10	9.2/2.5	2875/1440	82.0/80.0	0.88/0.74	87	2.0/1.4	7.5/5.5
YDT132S-2/4	5.90/1.40	11.7/3.5	2910/1450	83.0/80.0	0.91/0.74	87	1.9/1.3	7.5/5.5
YDT132M-2/4	8.00/2.00	15.3/4.7	2910/1450	85.0/83.0	0.91/0.77	91	1.9/1.3	7.5/5.5
YDT160M-2/4	12.50/2.80	24.1/6.6	2930/1460	86.0/85.0	0.91/0.75	91	1.9/1.3	7.5/5.5
YDT160L-2/4	16.50/3.80	31.0/8.7	2930/1460	87.0/86.0	0.91/0.76	95	1.9/1.3	7.5/5.5
YDT90S-4/6	1.10/0.32	2.9/1.1	1400/930	70.0/63.0	0.78/0.66	95	1.8/1.6	7.0/6.0
YDT90L-4/6	1.40/0.45	3.5/1.5	1400/930	72.0/68.0	0.81/0.66	75	1.8/1.6	7.0/6.0

型号 Type	功率 Output (kW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSφ)	噪音 Noiselevel DB (A)	堵转转矩 Locked Torque Rated Torque	堵转电流 Locked Current Rated Currend
YDT100L1-4/6	2.20/0.70	5.3/2.2	1430/945	80.0/73.0	0.79/0.66	75	1.8/1.6	7.0/6.0
YDT100L2-4/6	2.50/0.90	6.0/2.9	1430/945	81.0/74.0	0.78/0.67	78	1.8/1.6	7.0/6.0
YDT112M-4/6	3.20/1.10	7.1/3.1	1440/955	82.0/78.0	0.82/0.68	78	1.8/1.6	7.0/6.0
YDT132S-4/6	4.70/1.50	10.0/4.1	1450/970	84.0/81.0	0.83/0.68	82	1.8/1.6	7.0/6.0
YDT132M-4/6	6.70/2.20	13.8/5.7	1450/970	85.0/83.0	0.85/0.69	82	1.8/1.6	7.0/6.0
YDT160M-4/6	9.50/3.10	19.3/8.0	1455/975	87.0/83.0	0.84/0.69	82	1.8/1.6	7.5/7.0
YDT160L-4/6	12.00/4.00	24.4/10.0	1455/975	88.0/83.0	0.84/0.69	86	1.8/1.6	7.5/7.0
YDT180M-4/6	15.50/5.10	29.0/11.5	1460/980	87.0/81.0	0.84/0.72	86	1.5/1.5	7.5/7.0
YDT180L-4/6	18.50/6.20	34.3/13.9	1460/980	87.0/81.0	0.85/0.74	90	1.5/1.5	7.5/7.0
YDT200L-4/6	26.00/8.70	48.2/19.1	1465/980	88.0/83.0	0.85/0.77	90	1.5/1.5	7.5/7.0
YDT225S-4/6	33.00/11.00	60.7/24.2	1470/980	89.0/84.0	0.86/0.84	92	1.5/1.5	7.5/7.0
YDT225M-4/6	39.00/13.00	71.3/27.3	1470/980	90.0/85.0	0.86/0.85	92	1.5/1.5	7.5/7.0
YDT250M-4/6	47.00/16.00	84.2/32.3	1475/985	90.0/85.0	0.89/0.87	92	1.5/1.5	7.5/7.0
YDT280S-4/6	55.00/18.50	99.6/37.3	1480/985	90.0/85.0	0.88/0.86	94	1.5/1.5	7.5/7.0
YDT280M1-4/6	70.00/25.00	125.0/48.4	1480/985	91.0/87.0	0.88/0.87	94	1.5/1.5	7.5/7.0
YDT280M2-4/6	84.00/28.00	150.6/54.8	1480/985	91.0/87.0	0.88/0.87	98	1.5/1.5	7.5/7.0
YDT315S-4/6	95.00/32.00	177.4/65.3	1485/985	91.0/89.0	0.86/0.79	98	1.5/1.5	7.5/7.0
YDT315M-4/6	115.00/38.00	217.5/77.9	1485/985	92.0/90.0	0.86/0.78	98	1.5/1.5	7.5/7.0
YDT315L1-4/6	135.00/45.00	260.0/90.5	1485/985	92.0/90.0	0.86/0.80	100	1.5/1.5	7.5/7.0
YDT315L2-4/6	160.00/55.00	294.0/113.4	1485/985	93.0/91.0	0.86/0.80	100	1.5/1.5	7.5/7.0
YDT90S-4/8	1.00/0.22	2.5/1.0	1400/670	70.0/55.0	0.82/0.62	100	1.9/1.5	7.0/5.0
YDT90L-4/8	1.30/0.30	3.1/1.2	1400/670	72.0/58.0	0.82/0.63	75	1.9/1.5	7.0/5.0
YDT100L1-4/8	2.00/0.55	4.7/2.1	1420/690	80.0/65.0	0.80/0.61	75	1.9/1.5	7.0/5.0
YDT100L2-4/8	2.40/0.65	5.5/2.4	1420/690	80.0/66.0	0.81/0.61	78	1.9/1.5	7.0/5.0
YDT112M-4/8	3.20/0.90	7.4/3.3	1440/700	83.0/71.0	0.78/0.59	78	1.9/1.5	7.0/5.0
YDT132S-4/8	4.50/1.10	9.7/3.7	1450/715	84.0/75.0	0.82/0.59	82	2.0/1.2	7.0/5.0
YDT132M-4/8	6.30/1.50	13.2/4.9	1450/715	85.0/78.0	0.83/0.59	82	2.0/1.2	7.0/5.0
YDT160M-4/8	8.90/2.00	18.2/5.4	1440/720	85.0/82.0	0.85/0.67	82	2.0/1.2	7.0/5.0
YDT160L-4/8	12.00/2.70	23.5/6.9	1440/720	86.0/84.0	0.86/0.67	86	2.0/1.2	7.0/5.0

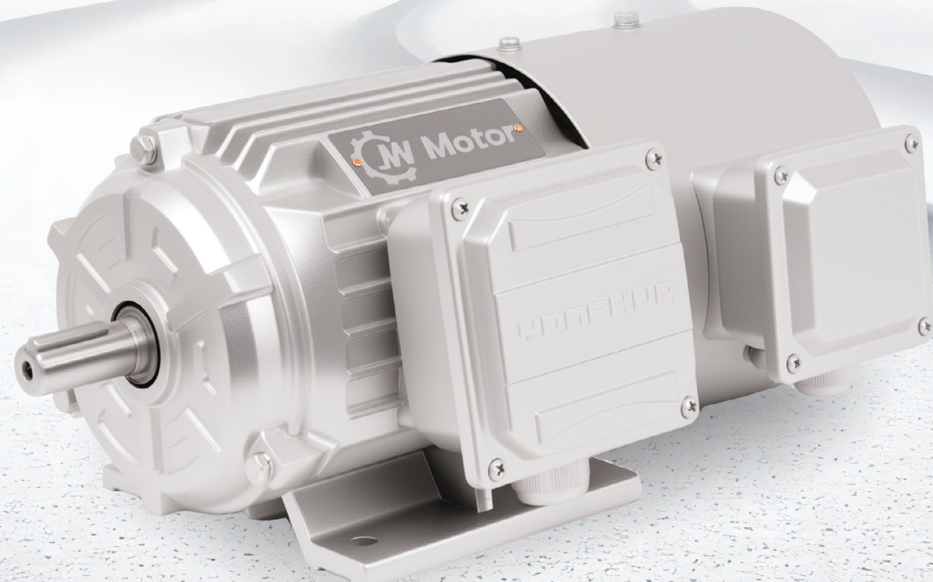
型号 Type	功率 Output (kW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSφ)	堵转转矩 Locked Torque Rated Torque	堵转电流 Locked Current Rated Currend
YDT180M-4/8	16.00/4.00	31.8/10.9	1470/725	88.0/84.0	0.85/0.65	2.0/1.2	7.0/5.0
YDT180L-4/8	19.50/5.00	38.6/13.4	1470/725	89.0/85.0	0.85/0.66	2.0/1.2	7.0/5.0
YDT200L-4/8	29.00/7.50	56.8/19.6	1475/730	90.0/87.0	0.85/0.66	2.0/1.2	7.0/5.0
YDT225M-4/8	40.00/9.50	74.6/25.5	1475/735	91.0/88.0	0.88/0.64	2.0/1.3	7.5/5.0
YDT250M-4/8	52.00/14.50	97.3/37.0	1480/735	91.0/88.0	0.87/0.66	2.0/1.3	7.5/5.0
YDT280S-4/8	65.00/17.00	122.8/41.8	1485/735	91.0/89.0	0.87/0.68	2.0/1.3	7.5/5.0
YDT280M-4/8	75.00/18.50	137.4/43.9	1485/740	91.0/90.0	0.88/0.70	2.0/1.3	7.5/5.0
YDT315S-4/8	92.00/25.00	174.8/58.7	1485/740	91.0/90.0	0.86/0.70	2.0/1.3	7.5/5.0
YDT315M-4/8	110.00/30.00	208.3/70.1	1485/740	92.0/91.0	0.86/0.70	2.0/1.3	7.5/5.0
YDT315L2-4/8	135.00/36.00	253.3/84.0	1485/740	92.0/91.0	0.87/0.70	2.0/1.3	7.5/5.0
YDT315L2-4/8	155.00/41.00	288.0/94.7	1485/740	92.0/91.0	0.87/0.71	2.0/1.3	7.5/5.0
YDT90S-6/8	0.65/0.25	2.3/1.3	930/700	65.0/52.0	0.63/0.85	1.8/1.6	7.0/6.0
YDT90L-6/8	0.80/0.35	2.9/1.6	930/700	67.0/56.0	0.62/0.58	1.8/1.6	7.0/6.0
YDTIOOL1-6/8	1.30/0.55	4.1/2.3	950/700	71.0/62.0	0.66/0.58	1.8/1.6	7.0/6.0
YDTIOOL2-6/8	1.60/0.75	3.2Z2.9	950/700	74.0/66.0	0.67/0.59	1.8/1.6	7.0/6.0
YDT112M-6/8	2.20/0.90	6.0/3.4	950/705	74.0/67.0	0.68/0.69	1.8/1.6	7.0/6.0
YDT132S-6/8	2.60/1.20	6.9/4.1	960/720	79.0/73.0	0.71/0.60	1.8Z1.6	7.0/6.0
YDT132M1-6/8	3.30/1.60	8.0/5.3	960/720	80.0/76.0	0.76/0.60	1.8/1.6	7.0/6.0
YDT132M2-6/8	4.50/2.20	11.0/7.1	960/720	82.0/77.0	0.75/0.60	1.8/1.6	7.0/6.0
YDT160M-6/8	6.50/3.20	14.9/9.5	970/725	84.0/80.0	0.76/0.61	1.8/1.6	7.0/6.0
YDT160L-6/8	9.00/4.50	20.3/13.0	970/725	86.0/82.0	0.77/0.62	1.8/1.6	7.0/6.0
YDT180L-6/8	13.00/6.50	26.0/15.1	970/725	86.0/81.0	0.77/0.65	1.5/1.5	7.0/6.0
YDT200L1-6/8	17.00/8.50	35.5/20.6	970/730	87.0/82.0	0.80/0.66	1.5/1.5	7.0/6.0
YDT200L2-6/8	22.00/11.00	44.3/27.8	970/730	88.0/83.0	0.80/0.68	1.5/1.5	7.0/6.0
YDT225M-6/8	30.00/15.00	62.3/32.2	980/730	89.0/87.0	0.83/0.78	1.5/1.5	7.0/6.0
YDT250M-6/8	37.00/18.00	72.1/38.5	980/735	90.0/87.0	0.86/0.80	1.5/1.5	7.0/6.0
YDT280S-6/8	45.00/22.00	86.8/46.2	985/735	90.0/88.0	0.86/0.81	1.5/1.5	7.0/6.0
YDT280M1-6/8	55.00/28.00	104.7/57.2	985/735	91.0/89.0	0.82/0.81	1.5/1.5	7.0/6.0
YDT280M2-6/8	65.00/32.00	122.0/66.6	985/735	91.0/89.0	0.82/0.81	1.5/1.5	7.0/6.0

型号 Type	功率 Output (kW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSφ)	堵转转矩 Locked Torque Rated Torque	堵转电流 Locked Current Rated Currend
YDT315S-6/8	75.00/37.00	145.1/40.4	985/735	91.0/90.0	0.84/0.78	1.5/1.5	7.0/6.0
YDT315M-6/8	90.00/45.00	171.6/90.4	985/735	92.0/91.0	0.85/0.82	1.5/1.5	7.0/6.0
YDT315L-6/8	110.00/55.00	209.5/115.7	985/735	92.0/91.0	0.85/0.78	1.5/1.5	7.0/6.0
YDT315L2-6/8	132.00/66.00	252.0/137.4	985/735	92.0/91.0	0.85/0.78	1.5/1.5	7.0/6.0
YDT112M-4/6/8	2.30/0.80/0.60	5.9/3.2/27	1455/960/7.5	79.0/65.0/61.0	0.73/0.57/0.53	2.0/1.7/1.3	7.5/6.5/4.0
YDT132S-4/6/8	3.10/1.10/0.80	7.1/3.9/3.1	1460/970/720	81.0/71.0/68.0	0.79/0.60/0.57	2.0/1.7/1.3	7.5/6.5/4.0
YDT132M-4/6/8	4.50/1.50/1.10	9.8/4.7/3.9	1460/970/720	83.0/74.0/72.0	0.82/0.65/0.57	2.0/1.7/1.3	7.5/6.5/4.0
YDT160M-4/6/8	7.50/2.60/1.50	16.0/7.3/4.8	1460/980/730	84.0/79.0/79.0	0.82/0.67/0.58	1.8/1.6/0.95	7.5/6.5/4.0
YDT160L-4/6/8	10.20/3.50/2.0	20.6/9.5/6.0	1460/980/730	86.0/81.0/81.0	0.85/0.68/0.60	1.8/1.6/0.95	7.5/6.5/4.0
YDT180M-4/6/8	13.00/4.50/2.60	24.2/10.6/7.7	1460/980/730	86.0/80.0/80.0	0.90/0.80/0.63	1.8/1.6/0.95	8.0/7.5/5.5
YDT180L-4/6/8	16.00/6.00/3.30	29.6/13.6/9.7	1460/980/730	87.0/81.0/81.0	0.90/0.81/0.63	1.8/1.6/0.95	8.0/7.5/5.5
YDT200L-4/6/8	22.00/8.00/4.50	40.6/17.8/13.2	1460/980/730	87.1/82.0/82.0	0.90/0.82/0.62	1.8/1.6/0.95	8.0/7.5/5.5
YDT225S-4/6/8	28.00/10.00/5.50	53.3/21.1/13.4	1470/980/740	89.0/83.0/85.0	0.88/0.85/0.70	1.8/1.7/1.1	8.0/7.5/5.5
YDT225M-4/6/8	34.00/12.00/7.50	63.1/24.7/17.2	1470/980/740	89.0/83.0/87.0	0.89/0.86/0.74	1.8/1.7/1.1	8.0/7.5/5.5
YDT250M-4/6/8	44.00/15.50/10.00	78.1/32.1/22.6	1475/985/740	90.0/85.0/88.0	0.92/0.85/0.75	1.8/1.7/1.1	8.0/7.5/5.5
YDT280S-4/6/8	55.00/18.00/12.00	98.5/37.0/27.3	1480/990/740	90.0/85.0/88.0	0.92/0.85/0.74	1.8/1.7/1.1	8.0/7.5/5.5
YDT280M-4/6/8	66.00/21.00/15.00	116.9/42.5/32.8	1480/990/740	91.0/86.0/89.0	0.92/0.86/0.76	1.8/1.7/1.1	8.0/7.5/5.5
YDT315S-4/6/8	75.00/27.00/19.00	136.0/55.3/43.8	1480/990/740	90.0/87.0/89.0	0.91/0.84/0.73	1.8/1.4/1.3	8.0/7.5/5.5
YDT315M4/6/8	90.00/32.00/22.00	162.0/64.8/50.6	1480/990/740	91.0/88.0/90.0	0.91/0.84/0.72	1.8/1.4/1.3	8.0/7.5/5.5
YDT315L1-4/6/8	115.00/40.00/28.00	204.2/79.7/62.5	1480/990/740	91.0/88.0/90.0	0.91/0.85/0.74	1.8/1.4/1.3	8.0/7.5/5.5
YDT315L2-4/6/8	140.00/51.00/35.00	253.6/101.8/80.2	1480/990/740	92.0/89.0/91.0	0.90/0.84/0.72	1.8/1.4/1.3	8.0/7.5/5.5

YVF2 SERIES

VARIABLE FREQUENCY SPEED THREE-PHASE ASYNCHRONOUS MOTOR

YVF2 系列变频调速三相异步电机



产品介绍 / Product Introduction

YVF2 系列是专为变频系统设计的高性能三相异步电动机。采用 F 级绝缘与优化电磁设计，在宽广调速范围内保持高效率与恒转矩 / 恒功率输出。标配独立轴流风机，确保电机在低速甚至零速运行时散热优良。该系列具备启动平稳、低噪低振、过载能力强等特点，可实现精准的无级调速。机座符合 IEC 标准，适配全球主流变频器。广泛应用于纺织、冶金、数控等需要高精度调速的节能场景。

YVF2 Series Inverter Duty Motors are engineered specifically for Variable Frequency Drive (VFD) systems. Featuring Class F insulation and an optimized electromagnetic design, they deliver constant torque and power with high efficiency across a wide speed range. A key feature is the independent axial cooling fan, which ensures effective heat dissipation even at low or zero speeds. These motors offer smooth soft-starting, low noise, and precise control with strong overload capability. Built to IEC standard dimensions, they integrate seamlessly with all major inverter brands. Ideal for textiles, metallurgy, CNC, and other applications requiring precision and energy efficiency.

Let's Talk

型号说明 / Model Description

YVF2 - 160 M 1 - 2

级数 No. Of Poles

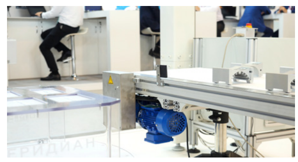
铁芯长度 Core Length

机座长度 Frame Length

电动机轴心高 Center Height

异步变频电机 Asynchronous Variable-Frequency Speed Regulating Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

电机型号 Type No.	额定功率 Rated output (kW)	额定电流 Rated current (A)	额定转速 Rated speed (r/min)	效率 EFF (%)	功率因数 Power factor cosφ	额定转矩 Rated torque (N•m)	噪声 Noise level LW dB(A)	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2-80M1-2	0.75	1.83	2845	75.0	0.83	2.52	73	5–50	5–100
YVF2-80M2-2	1.1	2.61	2845	76.2	0.84	3.69	73	5–50	5–100
YVF2-90S-2	1.5	3.46	2840	78.5	0.84	5.04	76	5–50	5–100
YVF2-90L-2	2.2	4.85	2850	81.0	0.85	7.40	76	5–50	5–100
YVF2-100L-2	3.0	6.83	2875	84.0	0.87	9.71	79	5–50	5–100
YVF2-112M-2	4.0	8.32	2880	86.2	0.88	13.3	80	5–50	5–100
YVF2-132S1-2	5.5	11.0	2890	88.4	0.86	18.2	83	5–50	5–100
YVF2-132S2-2	7.5	14.9	2900	89.0	0.87	24.7	86	5–50	5–100
YVF2-160M1-2	11	22.0	2930	88.4	0.89	35.9	90	5–50	5–100
YVF2-160M2-2	15	28.6	2930	89.4	0.89	48.9	90	5–50	5–100

电机型号 Type No.	额定功率 Rated output (kW)	额定电流 Rated current (A)	额定转速 Rated speed (r/min)	效率 EFF (%)	功率因数 Power factor cosφ	额定转矩 Rated torque (N•m)	噪声 Noise level LW dB(A)	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2-80M1-4	0.55	1.57	1390	71.0	0.75	3.78	73	5–50	5–100
YVF2-80M2-4	0.75	2.05	1390	73.0	0.76	5.15	73	5–50	5–100
YVF2-90S-4	1.1	2.85	1390	76.2	0.77	7.56	76	5–50	5–100
YVF2-90L-4	1.5	3.70	1400	79.0	0.80	10.3	76	5–50	5–100
YVF2-100L1-4	2.2	5.09	1410	81.0	0.81	14.9	79	5–50	5–100
YVF2-100L2-4	3.0	6.73	1410	82.0	0.82	20.3	79	5–50	5–100
YVF2-112M-4	4.0	8.88	1430	84.2	0.84	26.7	83	5–50	5–100
YVF2-132S-4	5.5	11.7	1440	85.7	0.87	36.5	86	5–50	5–100
YVF2-132M-4	7.5	15.6	1440	87.0	0.84	49.7	86	5–50	5–100
YVF2-315M-2	132	233	2975	94.5	0.91	424	105	5–50	5–60
YVF2-315L1-2	160	279	2975	94.6	0.92	514	109	5–50	5–60
YVF2-315L-2	185	323	2975	94.6	0.92	594	109	5–50	5–60
YVF2-315L2-2	200	347	2975	94.8	0.92	642	109	5–50	5–60
YVF2-315L3-2	220	383	2975	94.8	0.92	706	109	5–50	5–60
YVF2-355M1-2	220	383	2975	94.8	0.92	705	111	5–50	5–60
YVF2-355M-2	250	435	2980	95.0	0.92	801	111	5–50	5–60
YVF2-355L1-2	280	487	2980	95.0	0.92	897	113	5–50	5–60
YVF2-355L-2	315	548	2980	95.0	0.92	1009	113	5–50	5–60
YVF2-355L2-2	355	617	2980	95.0	0.92	1138	113	5–50	5–60
YVF2-355L3-2	375	652	2980	95.0	0.92	1202	113	5–50	5–60
YVF2-80M1-4	0.55	1.57	1390	71.0	0.75	3.78	73	5–50	5–100
YVF2-80M2-4	0.75	2.05	1390	73.0	0.76	5.15	73	5–50	5–100
YVF2-90S-4	1.1	2.85	1390	76.2	0.77	7.56	76	5–50	5–100
YVF2-90L-4	1.5	3.70	1400	79.0	0.80	10.3	76	5–50	5–100
YVF2-100L1-4	2.2	5.09	1410	81.0	0.81	14.9	79	5–50	5–100
YVF2-100L2-4	3.0	6.73	1410	82.0	0.82	20.3	79	5–50	5–100
YVF2-112M-4	4.0	8.88	1430	84.2	0.84	26.7	83	5–50	5–100
YVF2-132S-4	5.5	11.7	1440	85.7	0.87	36.5	86	5–50	5–100
YVF2-132M-4	7.5	15.6	1440	87.0	0.84	49.7	86	5–50	5–100

电机型号 Type No.	额定功率 Rated output (kW)	额定电流 Rated current (A)	额定转速 Rated speed (r/min)	效率 EFF (%)	功率因数 Power factor cosφ	额定转矩 Rated torque (N•m)	噪声 Noise level LW dB(A)	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2-160M-4	11	22.5	1460	88.4	0.84	72.0	90	5–50	5–100
YVF2-160L-4	15	28.8	1460	89.4	0.86	98.1	90	5–50	5–100
YVF2-180M-4	18.5	36.3	1470	90.0	0.86	120	91	5–50	5–100
YVF2-180L-4	22	42.9	1470	90.5	0.86	143	91	5–50	5–100
YVF2-200L-4	30	58.0	1470	91.4	0.86	195	92	5–50	5–100
YVF2-225S-4	37	70.2	1475	92.0	0.87	240	94	5–50	5–100
YVF2-225M-4	45	84.4	1480	92.5	0.87	291	94	5–50	5–100
YVF2-250M-4	55	103	1480	93.0	0.87	355	96	5–50	5–70
YVF2-280S-4	75	140	1480	93.6	0.87	484	99	5–50	5–70
YVF2-280M-4	90	167	1480	93.9	0.87	571	99	5–50	5–70
YVF2-315S-4	110	201	1480	94.5	0.88	710	105	5–50	5–60
YVF2-315M-4	132	240	1480	94.8	0.88	852	105	5–50	5–60
YVF2-315L1-4	160	288	1480	94.9	0.89	1032	109	5–50	5–60
YVF2-315L-4	185	333	1480	94.9	0.89	1194	109	5–50	5–60
YVF2-315L2-4	200	360	1480	94.9	0.89	1291	109	5–50	5–60
YVF2-315L3-4	220	396	1480	94.9	0.89	1420	109	5–50	5–60
YVF2-355M1-4	220	396	1490	94.9	0.89	1410	111	5–50	5–60
YVF2-355M-4	250	444	1490	95.1	0.90	1602	111	5–50	5–60
YVF2-355L1-4	280	497	1490	95.1	0.90	1795	113	5–50	5–60
YVF2-355L-4	315	557	1490	95.1	0.90	2019	113	5–50	5–60
YVF2-355L2-4	355	630	1490	95.1	0.90	2275	113	5–50	5–60
YVF2-355L3-4	375	736	1490	95.1	0.90	2404	113	5–50	5–60
YVF2-80M1-6	0.37	1.30	885	62.0	0.70	3.99	73	5–50	5–100
YVF2-80M2-6	0.55	1.79	885	65.0	0.72	5.94	73	5–50	5–100
YVF2-90S-6	0.75	2.29	910	69.0	0.72	7.87	76	5–50	5–100
YVF2-90L-6	1.1	3.18	910	72.0	0.73	11.5	76	5–50	5–100
YVF2-100L-6	1.5	4.02	930	74.0	0.76	15.4	79	5–50	5–100
YVF2-112M-6	2.2	5.63	930	79.0	0.76	22.5	80	5–50	5–100
YVF2-132S-6	3	7.70	950	81.0	0.76	29.8	86	5–50	5–100

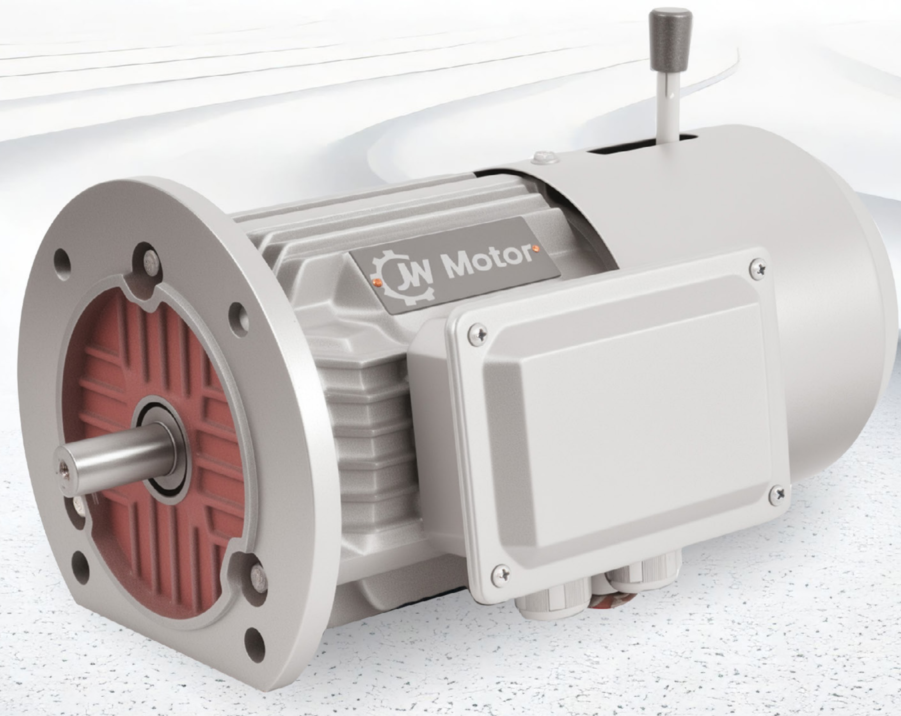
电机型号 Type No.	额定功率 Rated output (kW)	额定电流 Rated current (A)	额定转速 Rated speed (r/min)	效率 EFF (%)	功率因数 Power factor cosφ	额定转矩 Rated torque (N•m)	噪声 Noise level LW dB(A)	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2-132M1-6	4	9.07	960	82.0	0.79	39.8	86	5–50	5–100
YVF2-132M2-6	5.5	12.9	960	85.0	0.84	54.4	86	5–50	5–100
YVF2-160M-6	7.5	17.2	970	86.0	0.77	73.8	90	5–50	5–100
YVF2-160L-6	11	24.5	970	87.5	0.78	108	90	5–50	5–100
YVF2-180L-6	18.5	35.9	970	89.0	0.81	148	91	5–50	5–100
YVF2-200L1-6	18.5	38.6	980	90.0	0.81	180	92	5–50	5–100
YVF2-200L2-6	22	44.7	980	90.0	0.83	214	92	5–50	5–100
YVF2-225M-6	30	59.3	980	91.5	0.84	292	94	5–50	5–100
YVF2-250M-6	37	71.1	980	92.0	0.86	361	96	5–50	5–100
YVF2-280S-6	45	85.9	980	92.5	0.86	439	99	5–50	5–100
YVF2-280M-6	75	148	985	92.8	0.86	536	99	5–50	5–100
YVF2-315S-6	75	142	985	93.5	0.86	727	105	5–50	5–100
YVF2-315M-6	90	170	985	93.8	0.86	873	105	5–50	5–100
YVF2-315L-6	110	205	985	94.0	0.86	1066	109	5–50	5–100
YVF2-315L2-6	132	245	985	94.2	0.88	1280	109	5–50	5–100
YVF2-315L3-6	160	292	990	94.5	0.87	1551	109	5–50	5–100
YVF2-355M1-6	160	292	990	94.5	0.88	1543	111	5–50	5–100
YVF2-355M-6	185	337	990	94.5	0.88	1785	111	5–50	5–100
YVF2-355L-6	220	401	990	94.8	0.88	2122	113	5–50	5–100
YVF2-355L-6	250	454	990	95.0	0.88	2412	113	5–50	5–100
YVF2-355L2-6	280	509	990	95.0	0.88	2701	113	5–50	5–100
YVF2-355L3-6	315	572	990	95.0	0.88	3039	113	5–50	5–100
YVF2-80M1-8	0.18	0.88	645	51.0	0.61	2.67	73	5–50	5–100
YVF2-80M2-8	0.25	1.15	650	54.0	0.61	3.70	73	5–50	5–100
YVF2-90S-8	0.37	1.49	690	62.0	0.61	5.27	76	5–50	5–100
YVF2-90L-8	0.55	2.17	700	63.0	0.61	7.84	76	5–50	5–100
YVF2-100L1-8	0.75	2.60	720	64.0	0.62	9.95	79	5–50	5–100
YVF2-100L-8	1.1	3.52	730	70.0	0.63	14.4	79	5–50	5–100
YVF2-112M-8	1.5	4.37	680	73.0	0.69	15.4	80	5–50	5–100

电机型号 Type No.	额定功率 Rated output (kW)	额定电流 Rated current (A)	额定转速 Rated speed (r/min)	效率 EFF (%)	功率因数 Power factor cosφ	额定转矩 Rated torque (N•m)	噪声 Noise level LW dB(A)	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2-132S-8	2.2	5.85	690	78.0	0.69	22.5	86	5–50	5–100
YVF2-132M1-8	3	7.70	710	79.0	0.71	29.8	86	5–50	5–100
YVF2-132M-8	4	9.43	720	81.0	0.72	38.5	86	5–50	5–100
YVF2-160M-8	5.5	12.7	730	85.0	0.75	57.3	90	5–50	5–100
YVF2-160L-8	7.5	16.5	730	86.0	0.75	73.8	90	5–50	5–100
YVF2-180L-8	11	24.1	735	88.0	0.78	114	90	5–50	5–100
YVF2-200L1-8	15	32.2	740	89.0	0.78	149	92	5–50	5–100
YVF2-200L2-8	18.5	38.6	740	90.0	0.78	179	92	5–50	5–100
YVF2-225S-8	18.5	44.7	735	90.0	0.76	240	94	5–50	5–100
YVF2-225M-8	22	47.4	730	90.5	0.76	288	94	5–50	5–100
YVF2-225M-8	30	63.3	735	92.0	0.78	388	94	5–50	5–100
YVF2-250M-8	37	74.7	735	92.5	0.79	481	96	5–50	5–100
YVF2-280S-8	45	94.1	735	92.0	0.79	585	99	5–50	5–100
YVF2-315S-8	55	115	735	92.8	0.81	716	105	5–50	5–100
YVF2-315M-8	75	151	735	93.3	0.81	974	105	5–50	5–100
YVF2-315L1-8	90	176	735	93.8	0.82	1169	109	5–50	5–100
YVF2-315L-8	110	215	735	93.8	0.82	1429	109	5–50	5–100
YVF2-355M1-8	132	261	740	94.7	0.82	1704	111	5–50	5–100
YVF2-355M-8	160	306	740	94.7	0.82	2065	111	5–50	5–100
YVF2-355L-8	185	364	740	94.2	0.82	2388	113	5–50	5–100
YVF2-355L-8	200	387	740	94.5	0.83	2581	113	5–50	5–100
YVF2-355L2-8	220	426	740	94.5	0.83	2839	113	5–50	5–100
YVF2-355L3-8	250	484	740	94.5	0.83	3226	113	5–50	5–100
YVF2-315S-10	45	100	590	91.5	0.75	728	105	5–50	5–100
YVF2-315M-10	55	121	590	92.0	0.75	890	105	5–50	5–100
YVF2-315L1-10	75	162	590	95.5	0.76	1214	109	5–50	5–100
YVF2-315L2-10	90	191	590	93.0	0.77	1457	109	5–50	5–100
YVF2-355M1-10	110	230	590	93.2	0.78	1751	111	5–50	5–100
YVF2-355M-10	132	273	590	93.0	0.78	2137	111	5–50	5–100

YEJ SERIES

ELECTROMAGNETIC BRAKE THREE PHASE ASYNCHRONOUS MOTOR

YEJ 系列电磁制动三相异步电机



产品介绍 / Product Introduction

YEJ 系列电机配备电磁制动器，可在断电后实现快速、准确的制动，适用于需要频繁启停、定位或快速响应的设备。制动器结构可靠、响应速度快，制动扭矩可根据应用需求调节。电机主体采用高强度机壳与耐热绕组，确保在重复启动工况下仍保持稳定运行。YEJ 系列是提升设备安全性、工作效率与位置控制能力的优选电机。

The YEJ series motors feature an integrated electromagnetic brake that provides fast and accurate stopping when power is cut off. This makes them suitable for applications requiring frequent start-stop cycles, positioning, or rapid response. The brake offers reliable structure, quick reaction, and adjustable braking torque. With a robust housing and heat-resistant windings, the motor maintains stable performance under repeated starting conditions. The YEJ series enhances equipment safety, efficiency, and positioning accuracy.

Let's Talk

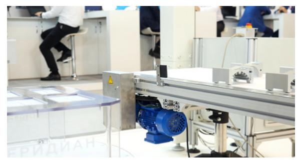
型号说明 / Model Description

YEJ - 160 M 1 - 2

- 级数 No. Of Poles
- 铁芯长度 Core Length
- 机座长度 Frame Length
- 电动机轴心高 Center Height
- 电磁制动电机 Asynchronous Brake Electric Motor

应用行业 / Application Industries



技术参数 / Technical Parameters

型号 Type	额定功率 Rated power (kW)	额定转速 Rated speed (r/min)	满载电流 Full load current (A)	效率 Eff (%)	功率因数 Power factor (cosφ)	堵转电流 / 额定电流 Ist/In	堵转转矩 / 额定转矩 Tst/Tn	最大转矩 / 额定转矩 Tmax/Tn	励磁电压 Exciting voltage (V)	惯量 Gd² (kgf•m²)	制动时间不大于 Brake time under 1.5×rated (s)
YEJ80M1-2	0.75	2825	1.9	75.5	0.84	6.5	2.2	2.3	99	0.004828	0.20
YEJ80M2-2	1.1	2840	2.6	77.0	0.86	7.0	2.2	2.3	99	0.00496	0.20
YEJ90S-2	1.5	2880	3.4	78.0	0.85	7.0	2.2	2.3	99	0.00741	0.25
YEJ90L-2	2.2	2880	4.8	80.0	0.87	7.0	2.2	2.3	99	0.009343	0.20
YEJ100L-2	3.0	2880	6.5	83.0	0.87	7.0	2.2	2.3	150	0.011862	0.25
YEJ112M-2	4.0	2890	8.8	85.5	0.87	7.0	2.2	2.3	40	0.03149	0.25
YEJ132S1-2	5.5	2890	11.5	87.0	0.86	7.0	2.2	2.3	40	0.05369	0.25
YEJ132S2-2	7.5	2900	15.0	88.0	0.87	7.0	2.0	2.3	75	0.072783	0.25
YEJ160M1-2	11	2900	21.8	89.0	0.89	7.0	2.0	2.3	75	0.1636	0.35
YEJ160M2-2	15	2900	29.5	90.0	0.89	7.0	2.0	2.3	75	0.1819	0.35

型号 Type	额定功率 Rated power (kW)	额定转速 Rated speed (r/min)	满载电流 Full load current (A)	效率 Eff (%)	功率因数 Power factor (cosφ)	堵转电流 / 额定电流 Ist/In	堵转转矩 / 额定转矩 Tst/Tn	最大转矩 / 额定转矩 Tmax/Tn	励磁电压 Exciting voltage (V)	惯量 Gd^2 ($kgf \cdot m^2$)	制动时间不大于 Brake time under 1.5×rated (s)
YEJ160L-2	18.5	2900	35.1	90.0	0.89	7.0	2.0	2.3	75	0.2179	0.35
YEJ180M-2	22	2900	41.5	91.0	0.89	7.0	2.0	2.3	200	0.2992	0.35
YEJ200L1-2	30	2930	56.5	91.0	0.89	7.0	2.0	2.3	200	0.6592	0.45
YEJ200L2-2	37	2930	69.4	91.0	0.89	7.0	2.0	2.3	200	0.6667	0.45
YEJ225M-2	45	2930	83.3	91.0	0.89	7.0	2.0	2.3	450	1.166	0.45
YEJ80M1-4	0.75	1390	2.7	74.5	0.76	7.0	2.2	2.3	99	0.004828	0.20
YEJ80M2-4	1.1	1390	3.6	78.0	0.78	7.0	2.2	2.3	99	0.00496	0.20
YEJ90S-4	1.5	1410	3.7	78.0	0.74	7.0	2.2	2.3	99	0.00741	0.25
YEJ90L-4	2.2	1410	5.0	79.0	0.80	7.0	2.2	2.3	99	0.009343	0.20
YEJ100L-4	3.0	1410	6.8	80.0	0.81	7.0	2.2	2.3	150	0.011862	0.25
YEJ112M-4	4.0	1440	8.8	84.2	0.84	7.0	2.0	2.3	150	0.03149	0.25
YEJ132S-4	5.5	1440	11.6	85.7	0.84	7.0	2.3	2.3	75	0.0644	0.25
YEJ132M-4	7.5	1440	15.4	87.0	0.85	7.0	2.2	2.3	75	0.15404	0.25
YEJ160M-4	11	1460	22.6	88.0	0.84	7.0	2.2	2.3	150	0.3986	0.35
YEJ180M-4	15	1460	30.3	88.0	0.85	7.0	2.2	2.3	150	0.368288	0.35
YEJ180L-4	18.5	1470	35.9	91.0	0.86	7.0	2.2	2.2	200	0.6667	0.35
YEJ200L-4	22	1470	44.5	92.0	0.86	7.0	2.0	2.2	200	1.3963	0.45
YEJ200L-4	30	1470	56.8	92.5	0.87	7.0	1.9	2.2	450	1.3963	0.45
YEJ225S-4	37	1480	69.2	93.0	0.88	7.0	1.9	2.2	450	1.418	0.45
YEJ225M-4	45	1480	84.2	92.3	0.88	7.0	1.9	2.2	450	1.423	0.45
YEJ90S-6	0.75	880	2.1	73.5	0.72	6.0	2.2	2.0	15	0.010815	0.20
YEJ90L-6	1.1	910	3.2	75.0	0.76	7.0	2.2	2.0	15	0.01815	0.25
YEJ100L-6	1.5	910	3.7	78.0	0.77	6.0	2.2	2.0	40	0.0373	0.25
YEJ112M-6	2.2	940	5.6	80.5	0.74	6.0	2.2	2.0	40	0.07649	0.25
YEJ132S-6	3.0	940	6.8	83.0	0.73	6.5	2.2	2.0	40	0.15537	0.25
YEJ132M-6	4.0	960	9.4	84.0	0.77	6.5	2.2	2.0	75	0.1906	0.25

型号 Type	额定功率 Rated power (kW)	额定转速 Rated speed (r/min)	满载电流 Full load current (A)	效率 Eff (%)	功率因数 Power factor (cosφ)	堵转电流 / 额定电流 Ist/In	堵转转矩 / 额定转矩 Tst/Tn	最大转矩 / 额定转矩 Tmax/Tn	励磁电压 Exciting voltage (V)	惯量 Gd^2 ($kgf{\cdot}m^2$)	制动时间不大于 Brake time under 1.5×rated (s)
YEJ160M-6	7.5	970	17.3	85.0	0.78	6.5	2.0	2.0	150	0.45813	0.35
YEJ160L-6	11	970	24.6	87.0	0.78	6.5	2.0	2.0	150	0.7005	0.35
YEJ180L-6	15	970	31.8	88.0	0.78	6.5	2.0	2.0	150	0.8593	0.45
YEJ200L1-6	18.5	970	37.4	89.5	0.83	6.5	1.8	2.0	300	1.639	0.45
YEJ200L2-6	22	970	44.7	90.9	0.83	6.5	1.8	2.0	300	1.888	0.45
YEJ225M-6	30	980	59.6	90.2	0.85	6.5	1.7	2.0	450	2.623	0.45
YEJ132S-8	0.75	710	3.3	82.0	0.72	5.5	2.0	2.0	75	0.15534	0.25
YEJ132M-8	1.5	710	7.7	85.0	0.73	5.5	2.0	2.0	75	0.16754	0.25
YEJ160M-8	2.2	690	7.1	82.0	0.70	6.0	2.0	2.0	150	0.36733	0.35
YEJ160M-8	5.5	720	15.1	85.0	0.74	6.0	2.0	2.0	150	0.4714	0.35
YEJ180L-8	7.5	720	17.3	85.0	0.75	6.0	2.0	2.0	150	0.69358	0.35
YEJ200L-8	11	730	23.6	87.0	0.75	6.0	1.8	2.0	300	0.9053	0.45
YEJ200L-8	15	730	31.3	88.0	0.76	6.0	1.8	2.0	300	1.1593	0.45
YEJ225S-8	18.5	730	41.3	89.5	0.76	6.0	1.7	2.0	450	2.299	0.45