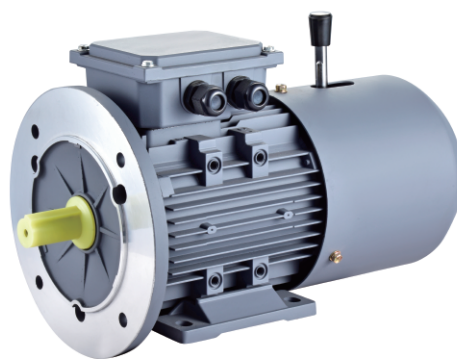
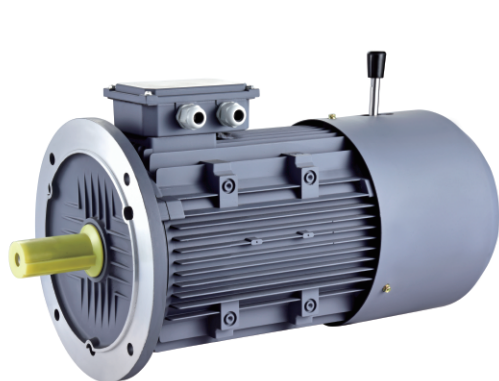


YEJ2-DC 系列 (铝壳) 直流电磁制动三相异步电动机

YEJ2-DC SERIES (ALUMINUM HOUSING) DC ELECTROMAGNETIC BRAKING THREE PHASE ASYNCHRONOUS MOTOR



产品介绍

YEJ2系列三相制动异步电动机，是全封闭、自扇冷、鼠笼型，附加直流电磁铁制动器的三相异步电动机。是MS系列的派生系列。

产品应用

适用于地切要求快速停止、准确定位、往复运转、频繁启动的各种机械，作为主传动和辅助传动之用，如：电动阀门、橡胶化工机械、木工机械、印刷机械、建筑机械、食品、仓库机械和冶金、锻压机械等。

产品特点

- 高效、节能
- 起动转矩高、制动力矩大，
- 适用于频繁起动、制动
- 制动迅速、定位准确、安全可靠
- 振动小、噪音低
- 制动器可人工释放
- 安装尺寸符合IEC标准

工作条件

- 电源：三相，380V/50HZ
- 工作方式：S1 连续工作制
- 防护等级：IP44
- 冷却方式：1C411
- 绝缘等级：F 级
- 接法：3kW以下 Y 接法，4kW以上(含4kW) △ 接法
- 环境温度：-15℃~40℃
- 海拔：1000m以下
- 制动方式：失电制动，制动电源由接线盒内的整流器供给
H100以下 AC220V-DC99V，
H112以上 AC380V-DC170V。

PRODUCT INTRODUCTION

YEJ2 series three-phase asynchronous motor is a completely enclosed, self-fan-cooled, squirrel-cage type three-phase asynchronous motor with DC electromagnet brake. It is a derivative of the MS series.

APPLICATION

It is suitable for all kinds of machinery that require quick stop, accurate positioning, reciprocating operation and frequent starting, as the main transmission and auxiliary transmission, such as: electric valves, rubber chemical machinery, woodworking machinery, printing machinery, construction machinery, food, warehouse machinery and metallurgy, forging machinery, etc.

FEATURE

- High efficiency and energy saving
- High starting torque, large braking torque,
- Suitable for frequent starting and braking
- Fast braking, accurate positioning, safe and reliable
- Low vibration, low noise
- The brake can be manually released
- Installation dimensions comply with IEC standards

WORKING CONDITION

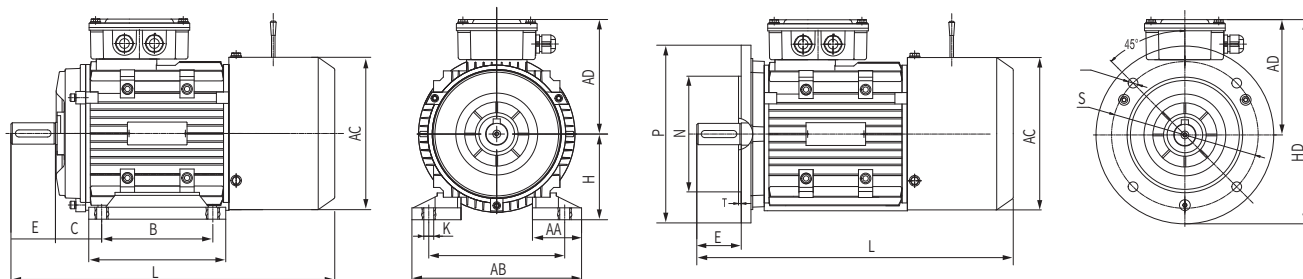
- Power supply: three phase, 380V/50HZ
- Duty: Continuous (S1)
- Protection class: IP44
- Cooling method: 1C411
- Insulation class: F class
- Connection method: Y connection below 3kW, More than 4kW (including 4kW) △ connection
- Ambient temperature: -15℃~40℃
- Altitude: below 1000m
- Braking mode: power loss braking, braking power supply is connected rectifier supplied in cable box, Below H100 AC220V-DC99V, H112 and above AC380V-DC170V.

YEJ2 技术参数 TECHNICAL DATA

型号 Model	额定功率 Rated power	额定电流 Rated Current (A) (50Hz)	额定 转速 Rated Speed	效率 Eff.	功率因数 P.F.	制动力矩 Braking torque	空载制 动时间 No load Braking time	励磁 功率 Exciting power	启动电流 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
	kW	380V	rpm	$\eta(\%)$	Cos Φ	N.m	S	W			
YEJ2-711-4	0.25	0.79	1390	65	0.74	4	0.2	18	4.4	2.1	2.4
YEJ2-712-4	0.37	1.12	1375	67	0.75	4	0.2	18	5.2	2.1	2.4
YEJ2-801-4	0.55	1.57	1370	71	0.75	7.5	0.2	50	6	2.4	2.3
YEJ2-802-4	0.75	2.05	1380	73	0.76	7.5	0.2	50	6	2.3	2.3
YEJ2-90S-4	1.1	2.89	1390	75	0.77	15	0.2	60	6.5	2.3	2.3
YEJ2-90L-4	1.5	3.70	1400	78	0.79	15	0.2	60	6.5	2.3	2.3
YEJ2-100L1-4	2.2	5.16	1430	80	0.81	30	0.2	80	7	2.2	2.3
YEJ2-100L2-4	3	6.78	1430	82	0.82	30	0.2	80	7	2.2	2.3
YEJ2-112M-4	4	8.82	1430	84	0.82	40	0.25	110	7	2.2	2.3
YEJ2-132S-4	5.5	11.8	1440	85	0.83	75	0.25	130	7	2.2	2.3
YEJ2-132M-4	7.5	15.5	1450	87	0.84	75	0.25	130	7	2.2	2.3
YEJ2-160M-4	11	12.7	1460	88	0.85	150	0.35	150	7	2.2	2.3
YEJ2-160L-4	15	17.1	1460	89	0.85	150	0.35	150	7	2.2	2.2
YEJ2-180M-4	18.5	20.8	1470	90.5	0.85	200	0.35	150	7	2	2.2
YEJ2-180L-4	22	24.6	1470	91	0.85	200	0.35	150	7	2	2.2
YEJ2-90S-6	0.75	2.29	930	69	0.72	15	0.2	60	5.5	1.9	2.2
YEJ2-90L-6	1.1	3.18	930	72	0.73	15	0.2	60	5.5	1.9	2.2
YEJ2-100L-6	1.5	4.00	945	76	0.75	30	0.2	80	6	1.9	2.2
YEJ2-112M-6	2.2	5.57	945	79	0.76	40	0.25	110	6	2	2.2
YEJ2-132S-6	3	7.40	960	81	0.76	75	0.25	130	6.5	2	2.2
YEJ2-132M1-6	4	9.75	960	82	0.76	75	0.25	130	6.5	2	2.2
YEJ2-132M2-6	5.5	12.9	960	84	0.77	75	0.35	130	6.5	2	2
YEJ2-160M-6	7.5	9.43	970	86	0.8	150	0.35	150	6.5	2	2
YEJ2-160L-6	11	13.8	970	87.5	0.79	150	0.35	150	6.5	1.7	2
YEJ2-180L-6	15	18.0	970	87.5	0.79	200	0.35	150	6.5	1.8	2
YEJ2-132S-8	2.2	6.04	720	78	0.71	75	0.25	130	5.5	2	2
YEJ2-132M-8	3	7.90	720	79	0.73	75	0.25	130	5.5	2	2
YEJ2-160M1-8	4	5.80	720	81	0.73	150	0.35	150	6	2	2
YEJ2-160M2-8	5.5	7.80	720	83	0.74	150	0.35	150	6	2	2
YEJ2-160L-8	7.5	10.1	720	85.5	0.75	150	0.35	150	5.5	2	2
YEJ2-180L-8	11	14.3	730	87.5	0.76	200	0.35	150	6	1.7	2

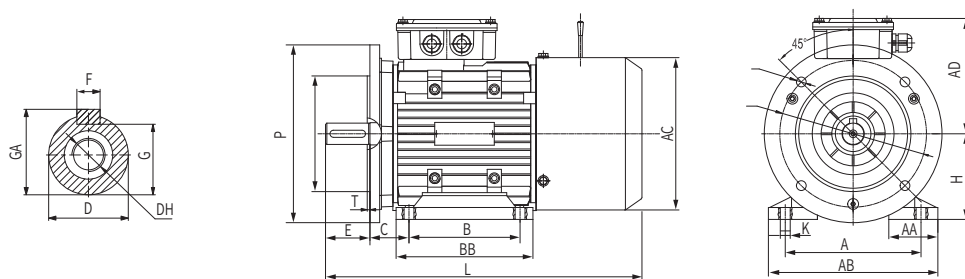
YEJ2 安装及外形尺寸 Mounting and Overall Dimensions

H71-160 IM B3 / B5 / B35



H71-180 B3

H71-180 B5



H71-180 B35

机座号 Frame Size	安装尺寸 Mounting Dimensions																				外形尺寸 Overall Dimensions					
										IM B14						IM B5										
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	127	198	308
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	141	221	350
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	147	237	399
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	147	237	425
100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4.0	205	215	157	257	462
112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	3.5	215	180	250	0	15	4.0	245	240	174	286	501
132S	216	140	89	38	80	10	33	132	12	165	130	200	0	M10	4.0	265	230	300	0	15	4.0	280	275	193	325	561
132M	216	178	89	38	80	10	33	132	12	165	130	200	0	M10	4.0	265	230	300	0	15	4.0	280	275	193	325	599
160M	254	210	108	42	110	12	37	160	15	215	180	250	0	M12	4.0	300	250	350	0	15	5.0	320	330	155	420	742
160L	254	254	108	42	110	12	37	160	15	215	180	250	0	M12	4.0	300	250	350	0	15	5.0	320	330	155	420	742
180M	279	241	121	48	110	14	42.5	180	15	265	230	300	0	M15	4.0	300	250	350	0	19	5.0	355	330	280	455	820
180L	279	279	121	48	110	14	42.5	180	15	265	230	300	0	M15	4.0	300	250	350	0	19	5.0	355	380	280	455	820