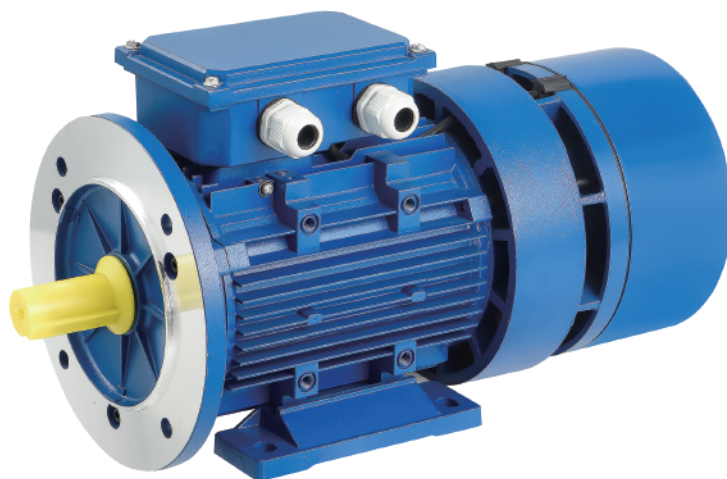


YEJA-AC系列 (铝壳) 交流电磁制动三相异步电动机

YEJA-AC SERIES (ALUMINUM HOUSING) AC ELECTROMAGNETIC BRAKING THREE PHASE ASYNCHRONOUS MOTOR



产品介绍

YEJA系列三相制动异步电动机，是全封闭、自扇冷、鼠笼型，附加交流电磁铁制动器的三相异步电动机

产品应用

适用于要求往复运转、频繁起动、快速停止、准确定位的各种机械，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

- 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、便于手动盘车
- 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：IP55
- 冷却方式：IC411
- 绝缘等级：F级

PRODUCT INTRODUCTION

YEJA series motor is a totally enclosed, self-fan cooled and squirrel cage type three phase asynchronous motor with additional AC electromagnetic brake.

APPLICATION

Suitable for a kind of machine be required to stop quickly, belocated accurately, rotated and braked frequently. such as electric valve, rubber chemical machinery, wood working machinery, printing machinery, construction machinery, food machinery, warehouse machinery, metallurgy, forging machinery and so on.

FEATURE

- High starting and braking torque
- Frequently starting and quick braking
- Reliable, accurate and safe
- Low vibration and low noise
- The brake can be released by hand for easy maintenance.
- Mounting dimensions meet IEC standards.

WORKING CONDITION

- Power supply: Three phase, 380V/50Hz
- Duty type: S1
- Protection class: IP55
- Cooling method: IC411
- Insulation class: F

接线方法

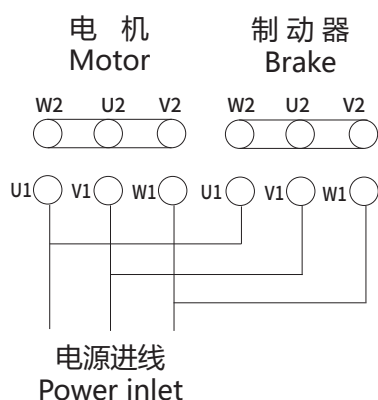
- 1、电机部分, 3kW及以下出厂时为Y接法, 其余为 Δ 接法;
- 2、制动器部分, 机座号100及以下电机出厂时为Y接法, 其余为 Δ 接法;

WIRING METHOD

- 1, the motor part, 3kW and below the factory is Y connection, the rest is Δ connection;
- 2, the brake part, frame 100 and below the motor factory is Y connection, the rest is Δ connection;

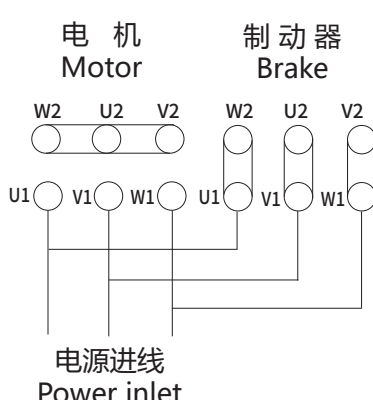
机座号100及以下, 功率3kW及以下电机接法:

Frame size 100 and below, power 3kW and below motor connection:



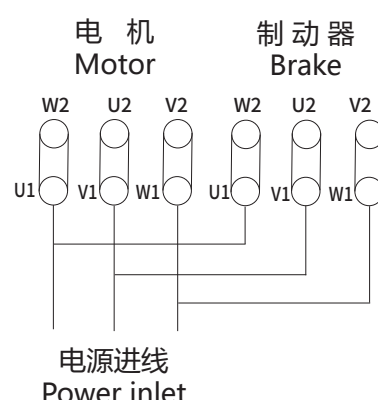
机座号100以上, 功率3kW及以下电机接法:

Motor connection above 100, power 3kW and below:



机座号100以上, 功率3kW以上电机接法:

Frame size more than 100, power more than 3kW motor connection:



气隙的检查与调整

本系列各规格电机中所配制动器的气隙值(δ)

CHECK AND ADJUST THE AIR GAP

The air gap value of the brake in each specification motor of this series (δ)

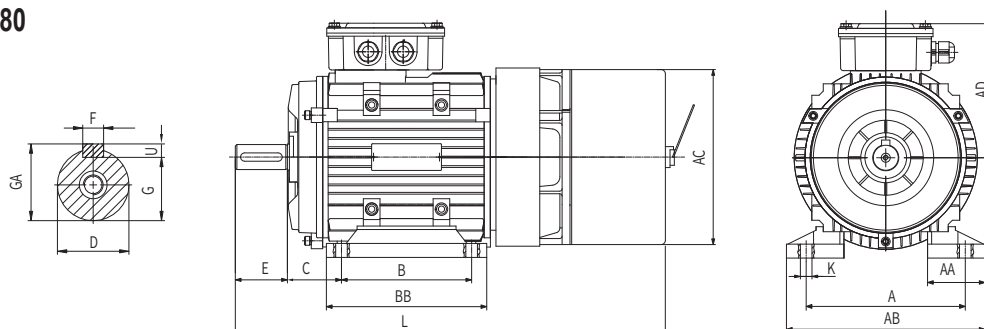
规格型号 Model	初始工作气隙 Initial working air gap (mm)	最大工作气隙 Maximum working air gap (mm)	规格型号 Model	初始工作气隙 Initial working air gap (mm)	最大工作气隙 Maximum working air gap (mm)
YEJA63	0.25~0.30	0.50	YEJA112	0.40~0.50	1.2
YEJA71	0.25~0.30	1.0	YEJA132	0.40~0.50	1.2
YEJA80	0.25~0.30	1.0	YEJA160	0.40~0.50	1.2
YEJA90	0.25~0.30	1.0	YEJA180	0.40~0.50	1.2
YEJA100	0.25~0.30	1.0			

YEJA 技术参数 TECHNICAL DATA

型号 Model	额定功率 Rated Current		380V/50Hz 满载时 At full load of 380V/50Hz				噪音 Noise	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	静制 动力矩 Static braking torque	空载制 动时间 Empty bra- king time	制动器 功率 Brake power
			转速 Speed	电流 Current	效率 Efficiency	功率因数 Power factor							
	kW	HP	rpm	A	%	cosΦ	dB(A)				Nm	<(S)	<(W)
同步转速 1500r/min (4极) Synchronous Speed 1500r/min (4pole)													
YEJA631-4	0.12	0.16	1320	0.43	57.0	0.72	52	4.4	2.1	2.2	2	0.20	30
YEJA632-4	0.18	0.25	1320	0.61	60.0	0.73	52	4.4	2.1	2.2	2	0.20	30
YEJA711-4	0.25	0.34	1390	0.8	65.0	0.74	55	5.2	2.1	2.2	4	0.20	40
YEJA712-4	0.37	0.5	1390	1.1	67.0	0.75	55	5.2	2.1	2.2	4	0.20	40
YEJA801-4	0.55	0.75	1390	1.6	71.0	0.76	61	6.0	2.4	2.3	7.5	0.20	50
YEJA802-4	0.75	1	1390	21	73.0	0.76	61	6.0	2.3	2.3	7.5	0.20	50
YEJA90S-4	1.1	1.5	1400	2.8	76.2	0.78	67	6.5	2.3	2.3	15	0.20	60
YEJA90L-4	1.5	2	1400	3.7	78.5	0.79	67	6.5	2.3	2.3	15	0.20	60
YEJA100L1-4	22	3	1420	5.0	81.0	0.82	70	7.0	2.2	2.3	30	0.20	80
YEJA100L2-4	3	4	1420	6.8	82.6	0.81	70	7.0	2.2	2.3	30	0.20	80
YEJA112M-4	4	5.5	1440	8.8	84.2	0.82	74	7.0	2.2	2.3	40	0.25	110
YEJA132S-4	5.5	7.5	1440	11.6	85.7	0.84	78	7.0	2.2	2.3	75	0.25	130
YEJA132M-4	7.5	10	1440	15.4	87.0	0.85	78	7.0	2.2	2.3	75	0.25	130
YEJA160M-4	11	15	1460	22.5	88.4	0.84	82	7.0	2.2	2.3	150	0.35	150
YEJA160L-4	15	20	1460	30	89.4	0.85	82	7.0	2.2	2.2	150	0.35	150
YEJA180M-4	18.5	25	1470	36.3	90.0	0.86	82	7.0	2.0	2.2	200	0.35	150
YEJA180L-4	22	30	1470	42.9	90.5	0.86	82	7.0	2.0	2.2	200	0.35	150
同步转速 1000r/min (6极) Synchronous Speed 1000r/min (6pole)													
YEJA711-6	0.18	0.25	880	0.74	56.0	0.66	52	4.0	1.9	2.0	4	0.20	40
YEJA712-6	0.25	0.34	880	0.95	59.0	0.68	52	4.0	1.9	2.0	4	0.20	40
YEJA801-6	0.37	0.5	900	1.3	62.0	0.70	54	4.7	1.9	1.9	7.5	0.20	50
YEJA802-6	0.55	0.75	900	1.8	65.0	0.72	54	4.7	1.9	2.0	7.5	0.20	50
YEJA90S-6	0.75	1	910	23	69.0	0.70	61	5.5	2.0	2.0	15	0.20	60
YEJA90L-6	1.1	1.5	910	3.2	72.0	0.72	65	5.5	2.0	2.0	15	0.20	60
YEJA100L-6	1.5	2	940	4.0	76.0	0.74	67	6.0	2.0	2.0	30	0.20	80
YEJA112M-6	2.2	3	950	5.6	79.0	0.74	67	6.0	2.0	2.0	40	0.25	110
YEJA132S-6	3	4	960	7.2	81.0	0.76	71	6.5	2.1	2.0	75	0.25	130
YEJA132M1-6	4	5.5	960	9.4	82.0	0.77	71	6.5	2.1	2.0	75	0.25	130
YEJA132M2-6	5.5	7.5	960	12.6	84.0	0.78	71	6.5	2.1	2.0	75	0.25	130
YEJA160M-6	7.5	10	970	17	86.0	0.78	75	6.5	2.0	2.0	150	0.35	150
YEJA160L-6	11	15	970	24.6	87.5	0.78	75	6.5	2.0	2.0	150	0.35	150
YEJA180L-6	15	20	970	31.6	89.0	0.81	78	6.5	1.8	2.0	200	0.35	150
同步转速 750r/min (8极) Synchronous Speed 750r/min (8pole)													
YEJA801-8	0.18	0.25	690	0.94	51.0	0.61	52	3.3	1.8	1.9	7.5	0.20	50
YEJA802-8	0.25	0.34	690	1.2	54.0	0.61	52	3.3	1.8	1.9	7.5	0.20	50
YEJA90S-8	0.37	0.5	690	15	62.0	0.61	56	4.0	1.8	1.9	15	0.20	60
YEJA90L-8	0.55	0.75	690	2.2	63.0	0.61	56	4.0	1.8	2.0	15	0.20	60
YEJA100L1-8	0.75	1	700	2.4	71.0	0.67	59	4.0	1.8	2.0	30	0.20	80
YEJA100L2-8	1.1	1.5	700	3.3	73.0	0.69	59	5.0	1.8	2.0	30	0.20	80
YEJA112M-8	1.5	2	700	4.4	75.0	0.69	61	5.0	1.8	2.0	40	0.25	110
YEJA132S-8	2.2	3	710	5.8	80.5	0.71	66	5.5	2.0	2.0	75	0.25	130
YEJA132M-8	3	4	710	7.7	82.0	0.72	66	5.5	2.0	2.0	75	0.25	130
YEJA160M1-8	4	5.5	720	9.9	84.0	0.73	69	6.0	2.0	2.0	150	0.35	150
YEJA160M2-8	5.5	7.5	720	13.3	85.0	0.74	69	6.0	2.0	2.0	150	0.35	150
YEJA160L-8	7.5	10	720	17.3	86.0	0.75	72	5.5	2.0	2.0	150	0.35	150
YEJA180L-8	11	15	730	24.8	87.5	0.77	72	6.0	1.7	2.0	200	0.35	150

YEJA 安装及外形尺寸 Mounting and Overall Dimensions

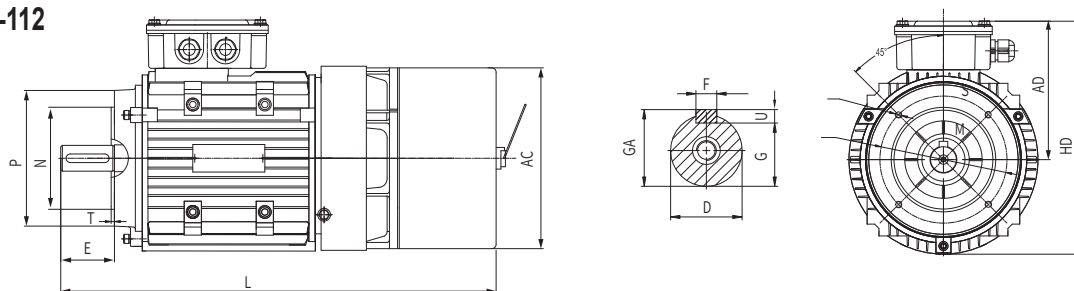
IM B3 H63-180



H63-180 B3

机座号 Frame Size	A	B	C	D	E	F×U	G	H	K	AB	AC	HD	L
63	100	80	40	11	23	4×4	8.5	63	7	125	130	180	340
71	112	90	45	14	30	5×5	11	71	7	140	155	195	380
80	125	100	50	19	40	6×6	15.5	80	10	160	175	215	420
90S	140	100	56	24	50	8×7	20	90	10	180	190	230	450
90L	140	125	56	24	50	8×7	20	90	10	180	190	230	470
100L	160	140	63	28	60	8×7	24	100	12	200	205	265	535
112M	190	140	70	28	60	8×7	24	112	12	225	230	290	555
132S	216	140	89	38	80	10×8	33	132	12	260	270	330	625
132M	216	178	89	38	80	10×8	33	132	12	260	270	330	670
160M	254	210	108	42	110	12×8	37	160	15	310	330	400	755
160L	254	254	108	42	110	12×8	37	160	15	310	330	400	800
180M	279	241	121	48	110	14×9	42.5	180	15	355	360	455	840
180L	279	279	121	48	110	14×9	42.5	180	15	355	360	455	880

IM B14 H63-112

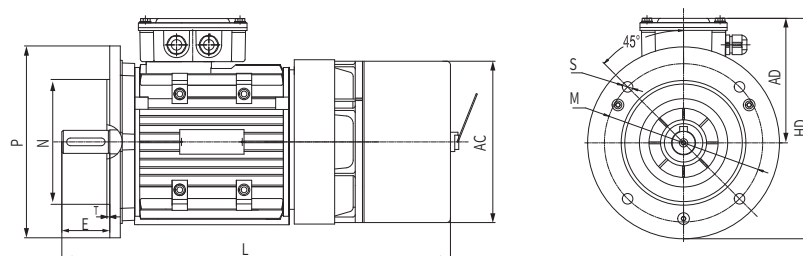


H63-112 B14

机座号 Frame Size	D	E	F×U	G	M	N	P	R	S	T	凸缘孔数	AC	AD	L
63	11	23	4×4	8.5	75	60	90		M5	3		130	115	340
71	14	30	5×5	11	85	70	103		M6	2.5		155	125	380
80	19	40	6×6	15.5	100	80	114		M6	3		175	135	420
90S	24	50	8×7	20	115	95	128	0	M8	3	4	190	140	450
90L	24	50	8×7	20	115	95	128		M8	3		190	140	470
100L	28	60	8×7	24	130	110	150		M8	3.5		205	165	535
112M	28	60	8×7	24	130	110	158		M8	3.5		230	175	555

YEJA 安装及外形尺寸 Mounting and Overall Dimensions

IM B5 H63-180



H63-180 B5

机座号 Frame Size	D	E	F×U	G	M	N	P	R	S	T	凸缘孔数 Flange holes	AC	AD	L
63	11	23	4×4	8.5	115	95	140	O	10	3	4	130	115	340
71	14	30	5×5	11	130	110	160		10	3		155	125	380
80	19	40	6×6	15.5	165	130	200		12	3.5		175	135	420
90S	24	50	8×7	20	165	130	200		12	3.5		190	140	450
90L	24	50	8×7	20	165	130	200		12	3.5		190	140	470
100L	28	60	8×7	24	215	180	250		15	4		205	165	535
112M	28	60	8×7	24	215	180	250		15	4		230	175	555
132S	38	80	10×8	33	265	230	300		15	4		270	200	625
132M	38	80	10×8	33	265	230	300		15	4		270	200	670
160M	42	110	12×8	37	300	250	350		19	5		330	240	755
160L	42	110	12×8	37	300	250	350		19	5		330	240	800
180M	48	110	14×9	42.5	300	250	350		19	5		360	280	840
180L	48	110	14×9	42.5	300	250	350		19	5		360	280	880