

**DONGCHUN**

JY SERIES

JY系列电容启动单相异步电动机

JY SERIES SINGLE-PHASE VALUE CAPACITOR START INDUCTION MOTOR

特点 FEATURES

JY系列电容启动单相异步电动机广泛应用于空压机，制冷器，医疗器械，和需满载起动，大的起动转矩和受限的起动电流的小型机器。

此系列电机是全封闭式，机座号为09，1，2，可根据客户要求生产铝壳或铁壳电机。

JY series single-phase capacitor start induction motor is widely used in air compressors, refrigerators, medical apparatus and other small machines requiring full-load starting, a large starting torque and limited starting current.

These series motors are totally enclosed fan-cooled, with three frame sizes, 09, 1, 2. The frames are made of cast iron or cast aluminium according to the requests.

使用条件 OPERATING CONDITIONS

环境温度：-15°C ≤ 0 ≤ 40°C

海拔：不超过1000米

额定电压：220V ± 5%

额定频率：50HZ（按要求也可以生产60HZ）

工作制：S1连续工作制

绝缘等级：B级

防护等级：IP44

冷却方式：IC0141

Ambient temperature: -15°C ≤ 0 ≤ 40°C

Altitude: Not exceeding 1000meters

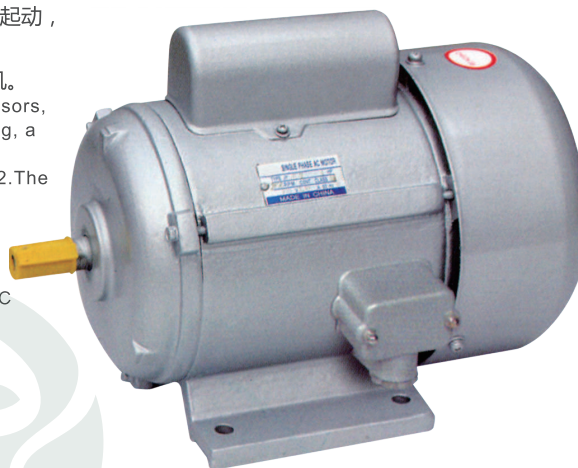
Protection type: IP44/IP54

Cooling type: IC 0141

Insulation class: B/F

Rated frequency: 50Hz (60Hz is available on request)

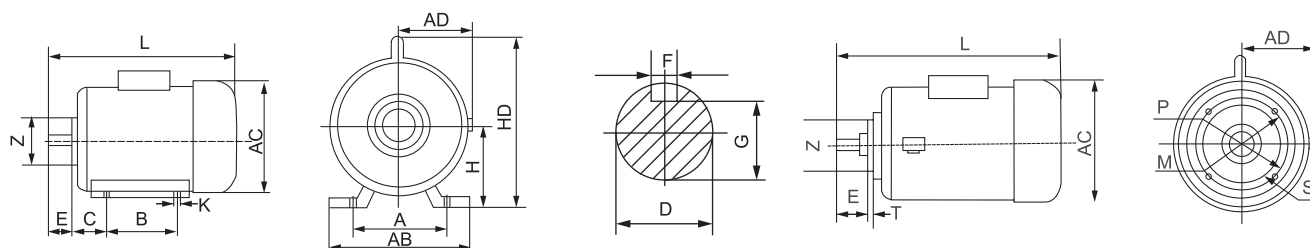
Duty/Rating: Continuous (S1)



技术参数 TECHNICAL DATA

型号 Type	额定功率 Rated power		额定转速 Rated Speed (r/min)	额定电流 Rated Current (A)	效率 Efficiency η(%)	功率因数 Power Factor (CosΦ)	起动电流 Starting Current (A)	堵转转矩 Locked Torque	最大转矩 Max Torque
	KW	HP						额定转矩 Rated Torque Tst/Tn	额定转矩 Rated Torque Tmax/Tn
JY09B-2	0.18	1/4	2800	1.89	60	0.72	112	1.8	2.2
JY09A-2	0.25	1/3		2.51	63		15		
JY1B-2	0.37	1/2		3.54	66		21		
JY1A-2	0.55	3/4		5.26			30		
JY2B-2	0.75	1	2850	6.49	70	37			
JY2A-2	1.1	1.5		9.15	71	53			
JY09A-4	0.18	1/4	1400	2.36	56	0.62	12		
JY1B-4	0.25	1/3		3.05	60		15		
JY1A-4	0.37	1/2		4.24	64		21		
JY2B-4	0.55	3/4		5.49	67	0.68	29		
JY2A-4	0.75	1		7.27	69		37		

安装和整体尺寸 MOUNTING AND OVERALL DIMENSIONS



型号 Type	安装尺寸 Mounting Dimensions														外形尺寸 Overall Dimensions				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	AC	AD	HD	L
JY09	125	100	50	14	30	4	11.5	80	10	85	70	105	M8	3	156	156	108	190	330
JY1	140	100	56	16	40	5	13	90	10	100	80	120	M8	3	176	176	121	220	266
JY2	160	112	63	19	40	6	15.5	100	12	115	95	140	M8	3	190	190	128	246	258