

JY SERIES SINGLE-PHASE INDUCTION MOTOR

JY series single-phase capacitor start motor. These motors are suitable for the situation that require the higher starting torque and the limited starting current. The motors can be used for driving all kinds of small machine that need full load starting. The motors of this series are totally enclosed and fan cooled, possess No.09, No.1 and No.2 three frame size and with the starting capacitor on the top of the motor.

Operating Conditions

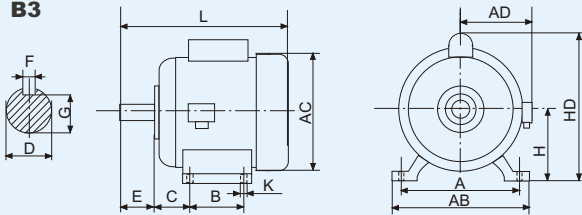
Ambient temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$

Above sea level: not exceed 1000m

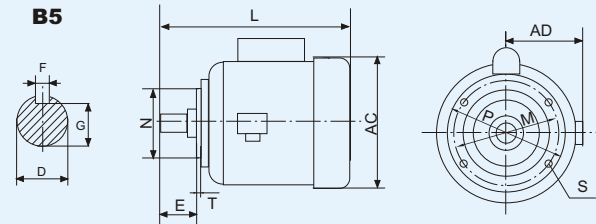
Rated voltage: $\pm 5\%$



B3



B5



TECHNICAL DATA

TYPE	Output KW	Current (A)	Power Factor	Eff (%)	Speed (r/min)	Tstart/Tn	Ist/In	Tmax/Tn	NW.kg	QTY/20'	Packing size (cm)
220V 50Hz Synchronous Speed 3000 r/min (2 Poles)											
JY09B-2	0.18	2.15	0.76	50	2800	3.0	6.5	1.8	7	2000	28X22X23
JY09A-2	0.25	2.82	0.76	53	2800	3.0	6.5	1.8	8	2000	28X22X23
JY1B-2	0.37	3.74	0.75	60	2800	3.0	6.5	1.8	11	1500	33X25X25
JY1A-2	0.55	5.36	0.74	63	2800	3.0	7.0	1.8	12	1500	33X25X25
JY2B-2	0.75	6.81	0.77	65	2800	2.8	7.0	1.8	17	1000	39X26X28
JY2A-2	1.1	9.45	0.79	67	2800	2.8	7.0	1.8	19	1000	39X26X28
220V 50Hz Synchronous Speed 1500 r/min (4 Poles)											
JY09B-4	0.12	1.7	0.63	48	1400	2.8	7.0	1.8			
JY09A-4	0.18	2.52	0.65	50	1400	2.8	6.5	1.8	8	2000	28X22X23
JY1B-4	0.25	3.20	0.67	53	1400	2.8	6.5	1.8	11	1500	33X25X25
JY1A-4	0.37	4.03	0.72	58	1400	2.8	7.0	1.8	12	1500	33X25X25
JY2B-4	0.55	5.12	0.74	66	1400	2.8	7.0	1.8	17	1000	39X26X28
JY2A-4	0.75	6.9	0.76	68	1400	2.8	7.0	1.8	19	1000	39X26X28

OVERALL AND MOUNTING DIMENSION

Frame Size	Mounting Dimension (mm)															Overall Dimension (mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
2	160	112	63	19	40	6	15.5	100	12	115	95	140	0	M8	3	190	190	128	246	330
1	140	100	56	16	40	5	13	90	10	100	80	120	0	M8	3	176	176	121	220	286
09	125	100	50	14	30	4	11.5	80	10	85	70	105	0	M8	3	156	156	108	190	258