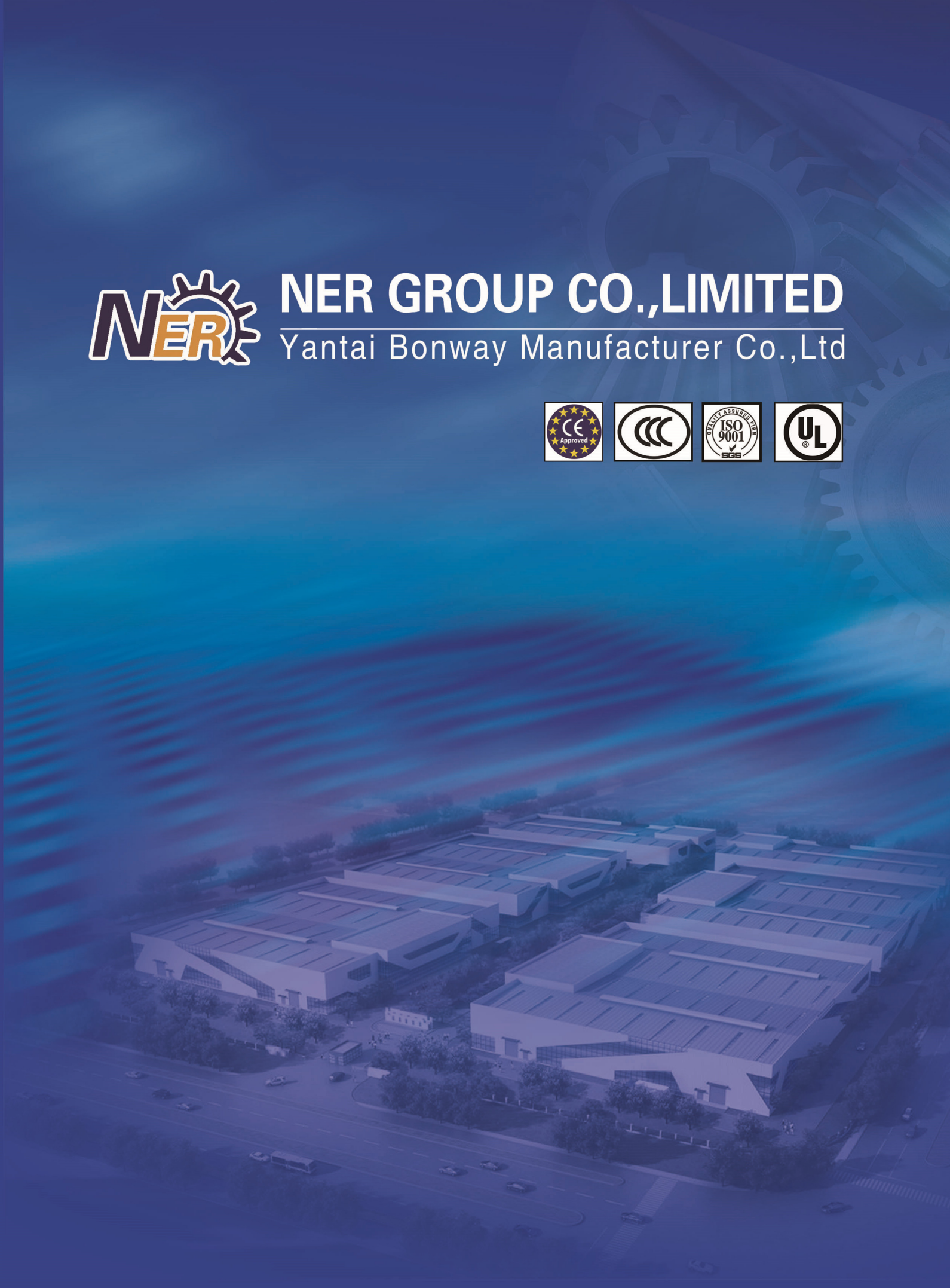




NER GROUP CO.,LIMITED

Yantai Bonway Manufacturer Co.,Ltd



JY Series

SINGLE-PHASE

ASYNCHRONOUS MOTOR

GENERAL INFORMATION

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

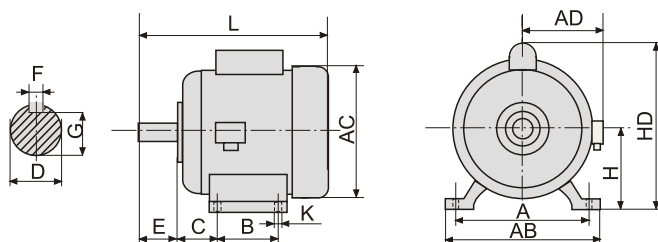
Ambient temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$

Above sea level: not exceed 1000m

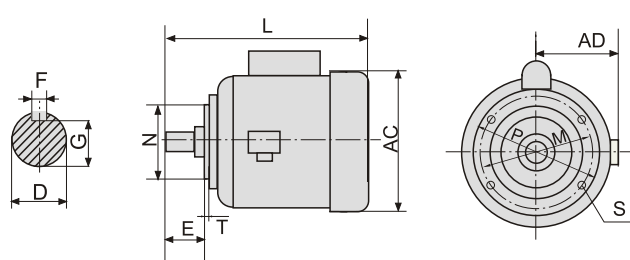
Rated voltage: $\pm 5\%$



B3



B5



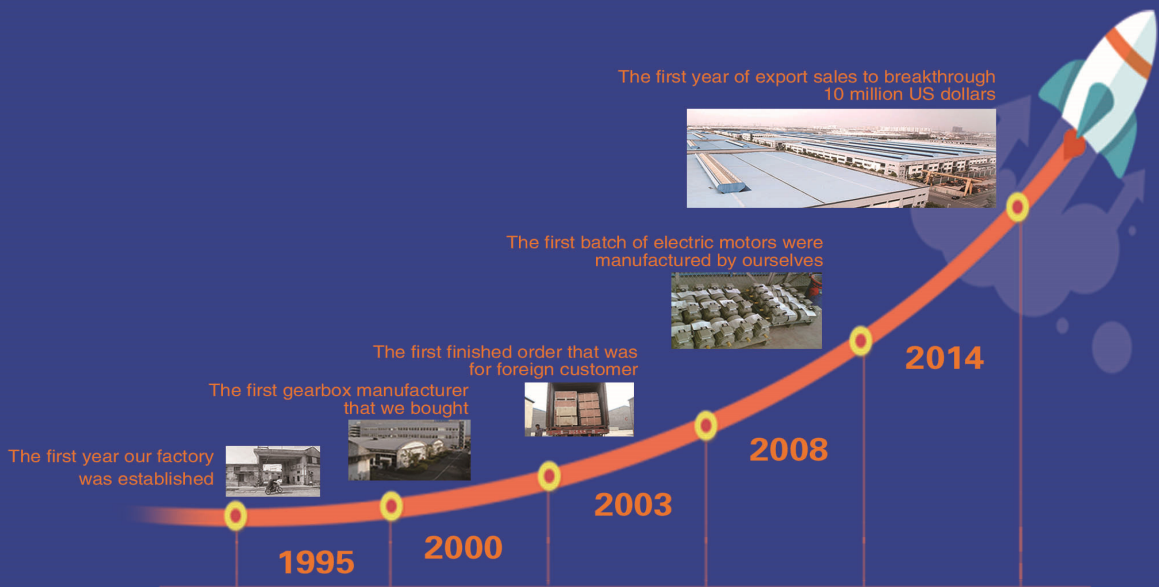
INSTALLATION SIZE AND OVERALL DIMENSION

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

TECHNICAL DATA

TYPE	Output		Voltage (V)	Current (A)	Frequency (Hz)	Power Factor	Eff (%)	Speed (r/min)	Tstart/Tn	Ist/In	Tmax/Tn
	KW	HP									
JY09B-2	0.18	1/4	220	2.15	50	0.76	50	2800	3.0	6.5	1.8
JY09A-2	0.25	1/3	220	2.82	50	0.76	53	2800	3.0	6.5	1.8
JY1B-2	0.37	1/2	220	3.74	50	0.75	60	2800	3.0	6.5	1.8
JY1A-2	0.55	3/4	220	5.36	50	0.74	63	2800	3.0	7.0	1.8
JY2B-2	0.75	1	220	6.81	50	0.77	65	2800	2.8	7.0	1.8
JY2A-2	1.1	1.5	220	9.45	50	0.79	67	2800	2.8	7.0	1.8
JY09B-4	0.12	1/6	220	1.7	50	0.63	48	1400	2.8	7.0	1.8
JY09A-4	0.18	1/4	220	2.52	50	0.65	50	1400	2.8	6.5	1.8
JY1B-4	0.25	1/3	220	3.20	50	0.67	53	1400	2.8	6.5	1.8
JY1A-4	0.37	1/2	220	4.03	50	0.72	58	1400	2.8	7.0	1.8
JY2B-4	0.55	3/4	220	5.12	50	0.74	66	1400	2.8	7.0	1.8
JY2A-4	0.75	1	220	6.9	50	0.76	68	1400	2.8	7.0	1.8

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Tel: +86-535-6330966

Mobile: +86-18563806647

E-mail: info@sogears.com

Viber/Line/Whatsapp/Wechat: 008618563806647

Web: www.sogears.com (Skype: qingdao411)

Headquarters Address: Wujin, Changzhou City, Jiangsu Province, China