



# WORLDWIDE ELECTRIC MOTOR DATA SHEET



## WWE5-36-184JM

HORSEPOWER	5		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	184JM		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3510 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	11.4 / 5.7 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	92.0 / 46.0 A		
NO LOAD CURRENT	3.0 / 1.5 A		
NEMA CODE LETTER	J		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	87.5%	0.88
	75%	88.0%	0.83
	50%	87.4%	0.74
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	7.49 lb.ft.	210%	355%
SLIP	2.25%		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.134 lb.ft. <sup>2</sup>		
MAX. TIME LOCKED ROTOR (Hot)	20 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6307ZZ		
ODE BEARING	6306ZZ		
REGREASING INT. - DE BEARING	N/A		
REGREASING INT. - ODE BEARING	N/A		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1 (F2 Suitable)		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Y		
APPROXIMATE WEIGHT	101 Lbs.		



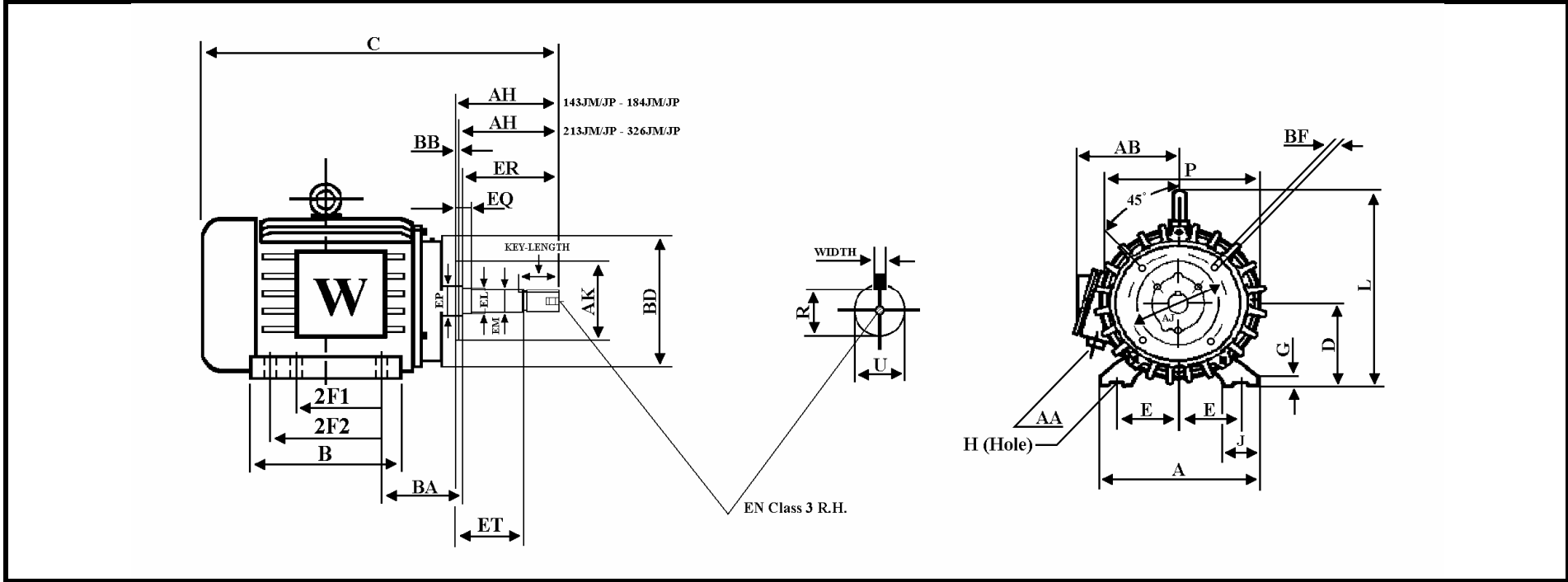
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**CERTIFIED**

# NEMA FRAME 184JM



## DIMENSIONS - Inches

MOUNTING					A	B	C	D	G	J	P	L	AH	AB	EQ	AA
E	2F1	2F2	H	BA												
3.75	4.5	5.5	0.41	3.5	9	7.5	18	4.5	0.59	1.97	9.06	10.29	4.25	7.48	0.625	1" NPT

KEY		KEYSET	U	FLANGE					ET	EM	EL	EP	ER	EN
WIDTH	LENGTH	R		AK	AJ	BF	BB	BD						
0.188	1.732	0.771	0.875	4.5	5.875	3/8-16	0.15	6.575	2.875	1	1.25	1.38	.25	3/8-16