



WORLDWIDE ELECTRIC MOTOR DATA SHEET



WWE40-18-324JM

HORSEPOWER	40		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	324JM		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1775 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	93.0 / 46.5 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	580 / 290 A		
NO LOAD CURRENT	35.0 / 17.5 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	93.0%	0.86
	75%	93.4%	0.83
	50%	92.7%	0.75
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	119 lb.ft.	190%	290%
SLIP	1.39%		
NEMA DESIGN	B		
MOMENT OF INERTIA	5.84 lb.ft. ²		
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	6312		
ODE BEARING	6311		
REGREASING INT. - DE BEARING	7,000 Hours (0.75 oz.)		
REGREASING INT. - ODE BEARING	7,500 Hours (0.64 oz.)		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 12 Lead Δ		
APPROXIMATE WEIGHT	589 Lbs.		



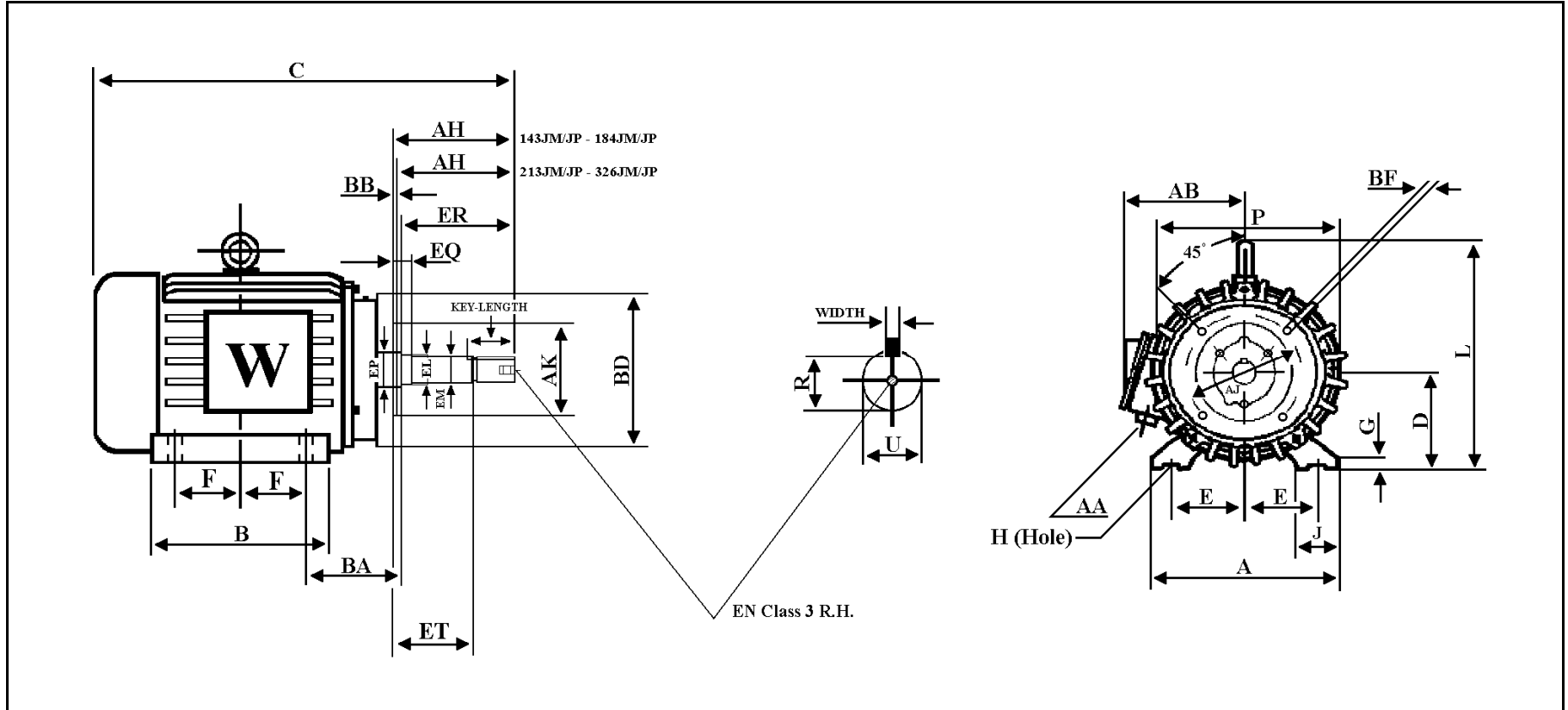
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WORLDWIDE ELECTRIC MOTOR DRAWING

WWE-324JM



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	L	AH	AB	EQ	AA
E	2F1	2F2	H	BA												
6.25	10.5	---	0.66	5.25	16	13.5	29.72	8	0.984	2.76	15.75	18.35	5.25	13.4	0.625	2

KEY		KEYSET	U	FLANGE					ET	EM	EL	EP	ER	EN
WIDTH	LENGTH	R		AK	AJ	BF	BB	BD						
0.252	2.56	1.112	1.2495	12.5	11	5/8-11	0.25	13.8	3	1.375	1.75	2.36	5.53	1/2-13