



WORLDWIDE ELECTRIC MOTOR DATA SHEET



PEWWE50-18-326JP

HORSEPOWER	50		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	326JP		
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	115 / 57.6 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	725 / 362.5 A		
NO LOAD CURRENT	41.0 / 20.5 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	94.5%	0.86
	75%	94.9%	0.83
	50%	94.7%	0.74
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	148 lb.ft.	160%	260%
SLIP	1.40%		
NEMA DESIGN	B		
MOMENT OF INERTIA	6.89 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	7 Seconds		
SOUND PRESSURE LEVEL	72 dB(A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6312 C3		
ODE BEARING	6311 C3		
REGREASING INT. - DE BEARING	4,000 Hours		
REGREASING INT. - ODE BEARING	4,000 Hours		
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	578 lbs.		



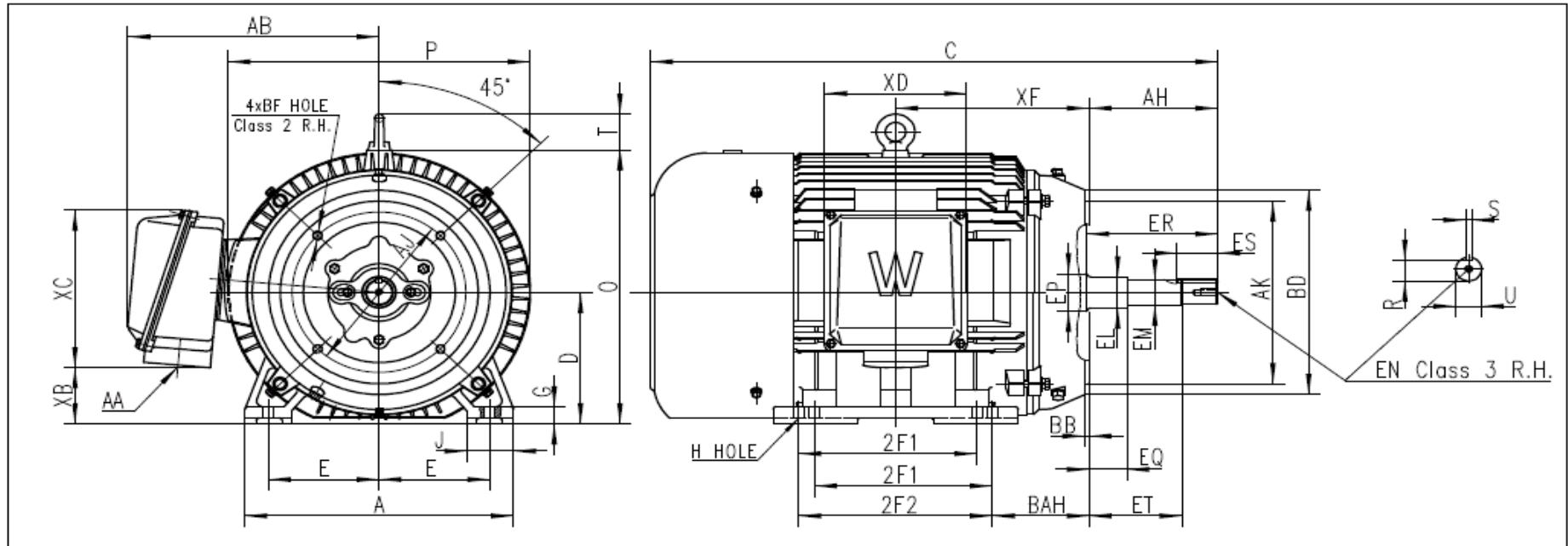
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-326JP



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AH	AB	KEY			KEYSET
E	2F1	2F2	H	BAH												S	ES	R	
6.25	10.5	12	0.66	5.5	16	15	14.5	8	0.99	2.8	15.7	16	2.44	8.125	14.5	0.252	2.56	1.112	

FLANGE					SHAFT EXTENSION								AA	XB	XC	XD	XF
AK	AJ	BF	BB	BD	EQ	ET	EM	EL	EP	ER	EN	U					
12.5	11	5/8-11	0.275	13.8	2.375	5.875	1.375	1.75	2.36	8.34	1/2-13	1.249	2	2.4	10.8	9	11.5