



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE7.5-36-184JM



HORSEPOWER	7.5		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	184JM		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3485 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	17.6 / 8.82 A (Usable On 208V At 19.5 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	127 / 63.5 A		
NO LOAD CURRENT	5.6 / 2.8 A		
NEMA CODE LETTER	H		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	89.5%	0.89
	75%	90.8%	0.87
	50%	91.1%	0.78
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	11.3 lb.ft.	210%	300%
SLIP	3.19%		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.212 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	4.5 Seconds		
SOUND PRESSURE LEVEL	65 dB(A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6307ZZ C3		
ODE BEARING	6206ZZ C3		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Y		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	105 lbs.		



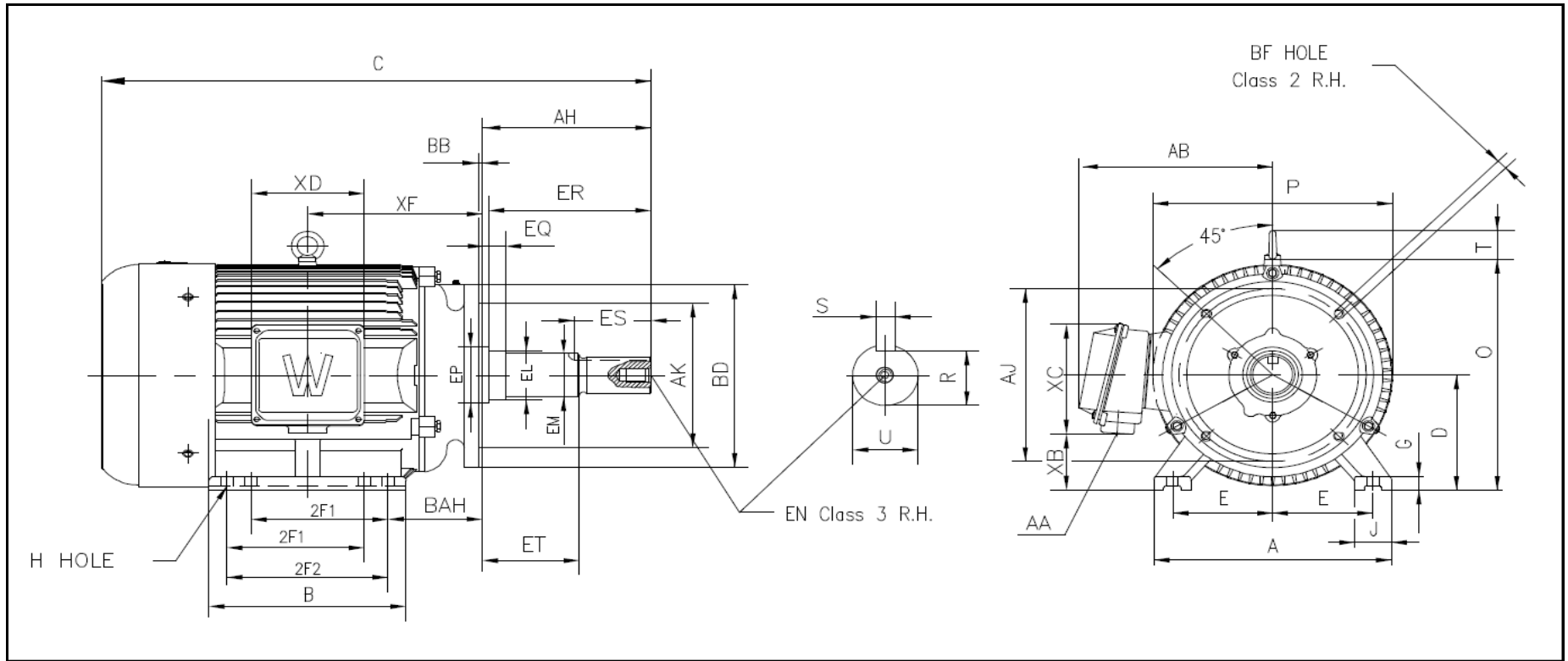
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-184JM



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AH	AB	KEY			KEYSET
E	2F1	2F2	H	BAH												S	ES	R	
3.75	4.5	5.5	0.41	3.37	9	7	18	4.5	0.6	2	9.7	9.5	1.42	4.25	8	0.188	1.65	0.768	

FLANGE					SHAFT EXTENSION								AA	XB	XC	XD	XF
AK	AJ	BF	BB	BD	EQ	ET	EM	EL	EP	ER	EN	U					
4.5	5.875	3/8-16	0.156	6.6	0.625	2.875	1	1.25	1.378	4.27	3/8-16	0.874	1	2.2	5.1	4.6	6.13