



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE2-18-145T



HORSEPOWER	2		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	145T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1755 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	6.05 / 3.02 A Usable On 208 V At 6.69 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	50.0 / 25.0 A		
NO LOAD CURRENT	3.8 / 1.9 A		
NEMA CODE LETTER	L		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	86.5%	0.72
	75%	86.1%	0.66
	50%	85.5%	0.54
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	5.98 lb.ft.	270%	290%
SLIP	2.50%		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.109 lb.ft. ²		
SOUND PRESSURE LEVEL	66 dB(A)		
MAX. TIME LOCKED ROTOR (Hot)	10 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6205ZZC3		
ODE BEARING	6205ZZC3		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
C-FLANGE	PEW140TC		
D-FLANGE	PEW140TD		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Y		
APPROXIMATE WEIGHT	67 lbs.		
INVERTER RATING	4:1 CT / 10:1 VT PWM Type		



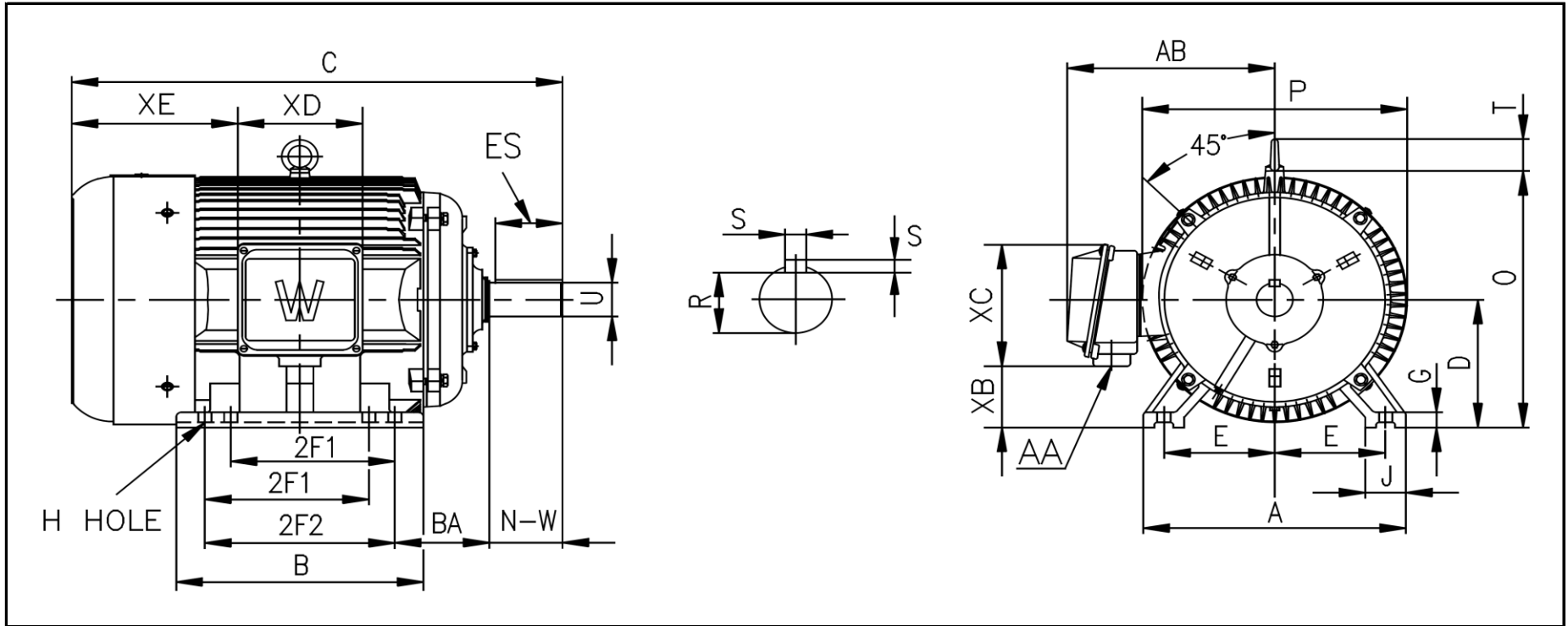
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-145T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
2.75	4	5	0.34	2.25	7	6	14.77	3.5	0.472	1.42	7.09	7.48	---	6.3

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.188	1.42	0.771	2.25	0.875	3/4	1.65	4.49	4.09	5.04