



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE20-18-256T



HORSEPOWER	20		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	256T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1780 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	48.2 / 24.1 A Usable On 208 V At 53.3 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	394 / 197 A		
NO LOAD CURRENT	19.0 / 9.5 A		
NEMA CODE LETTER	J		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	93.0%	0.84
	75%	93.1%	0.80
	50%	92.5%	0.72
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	59.0 lb.ft.	180%	250%
SLIP	1.11%		
NEMA DESIGN	A		
MOMENT OF INERTIA	2.84 lb.ft. ²		
SOUND PRESSURE LEVEL	75 dB(A)		
MAX. TIME LOCKED ROTOR (Hot)	12 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6309C3		
ODE BEARING	6209C3		
REGREASING INT. - DE BEARING	9,000 Hours (0.46 oz.)		
REGREASING INT. - ODE BEARING	9,000 Hours (0.29 oz.)		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
C-FLANGE	PEW250TC		
D-FLANGE	PEW250TD		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Δ		
APPROXIMATE WEIGHT	390 lbs.		
INVERTER RATING	4:1 CT / 10:1 VT PWM Type		



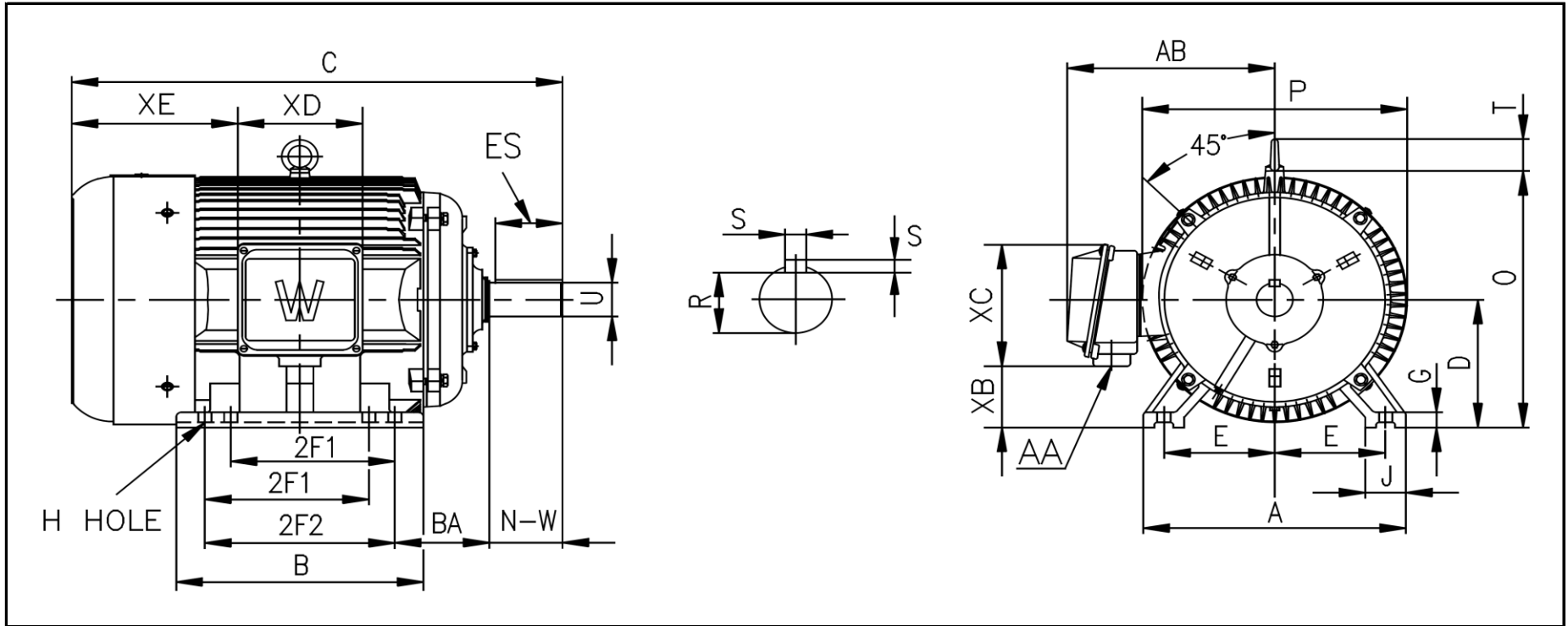
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-256T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
5	8.25	10	0.53	4.25	12.4	14.3	27.83	6.25	0.787	2.76	12.6	12.89	2.05	11.2

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.375	2.91	1.416	4	1.625	1.5	3	7.2	6.3	10.04