



WORLDWIDE ELECTRIC MOTOR DATA SHEET



PEWWE15-36-254T

HORSEPOWER	15		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	254T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3550 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	34.5 / 17.2 A Usable On 208 V At 38.2 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	232 / 116 A		
NO LOAD CURRENT	10.6 / 5.3 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	91.0%	0.88
	75%	91.1%	0.86
	50%	90.6%	0.80
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	22.2 lb.ft.	190%	290%
SLIP	1.38%		
NEMA DESIGN	B		
MOMENT OF INERTIA	1.16 lb.ft. ²		
SOUND PRESSURE LEVEL	87 dB(A)		
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	6309C3		
ODE BEARING	6209C3		
REGREASING INT. - DE BEARING	3,500 Hours (0.46 oz.)		
REGREASING INT. - ODE BEARING	3,500 Hours (0.29 oz.)		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1 (F2 Suitable)		
ROTATION	Bi-Directional		
C-FLANGE	PEW250TC		
D-FLANGE	PEW250TD		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Δ		
APPROXIMATE WEIGHT	276 lbs.		
INVERTER RATING	4:1 CT / 10:1 VT PWM Type		



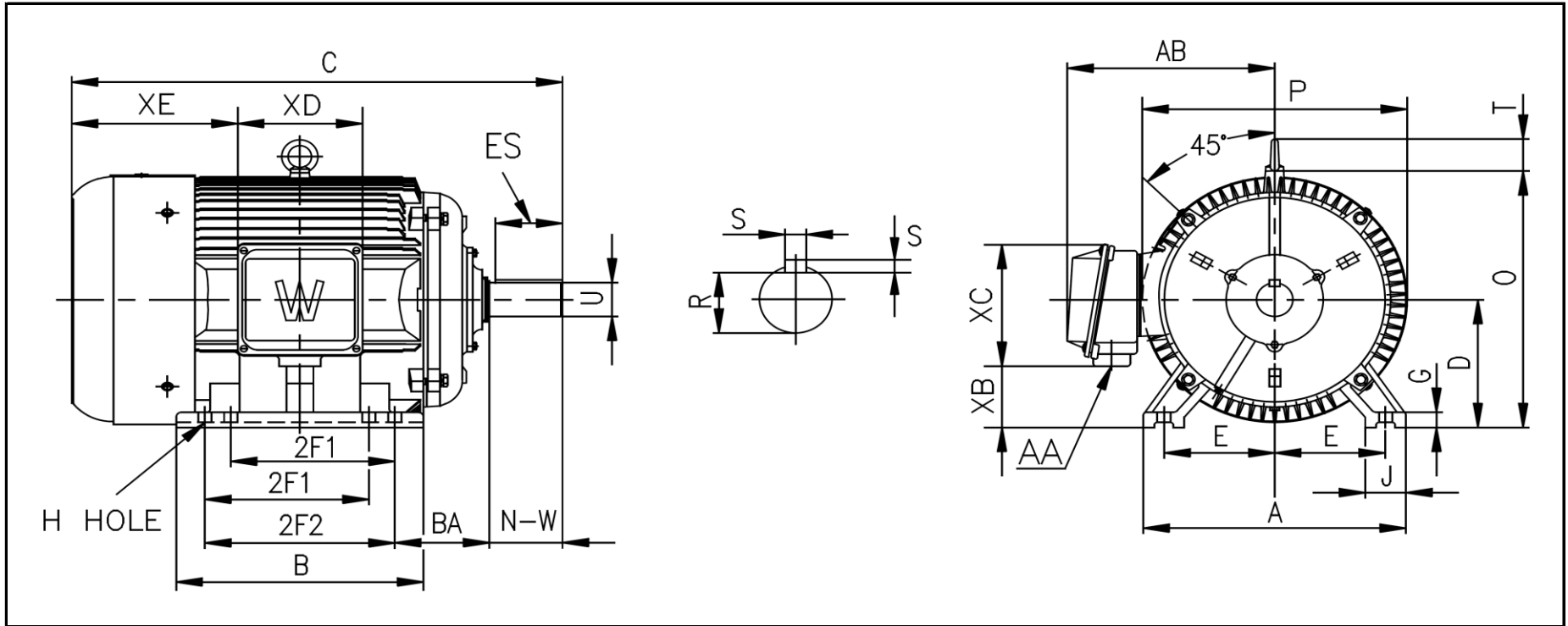
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-254T



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	12.5	12.5	25.06	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	8.66