



WORLDWIDE ELECTRIC MOTOR DATA SHEET



PEWWE10-18-215T

HORSEPOWER	10		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	215T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1760 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	24.8 / 12.4 A Usable On 208 V At 27.4 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	196 / 98.0 A		
NO LOAD CURRENT	11.6 / 5.8 A		
NEMA CODE LETTER	J		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	91.7%	0.83
	75%	91.6%	0.78
	50%	91.1%	0.67
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	39.8 lb.ft.	210%	300%
SLIP	2.20%		
NEMA DESIGN	A		
MOMENT OF INERTIA	0.887 lb.ft. ²		
SOUND PRESSURE LEVEL	70 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	6308ZZC3		
ODE BEARING	6306ZZC3		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
C-FLANGE	PEW210TC		
D-FLANGE	PEW210TD		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Δ		
APPROXIMATE WEIGHT	205 lbs.		
INVERTER RATING	4:1 CT / 10:1 VT PWM Type		



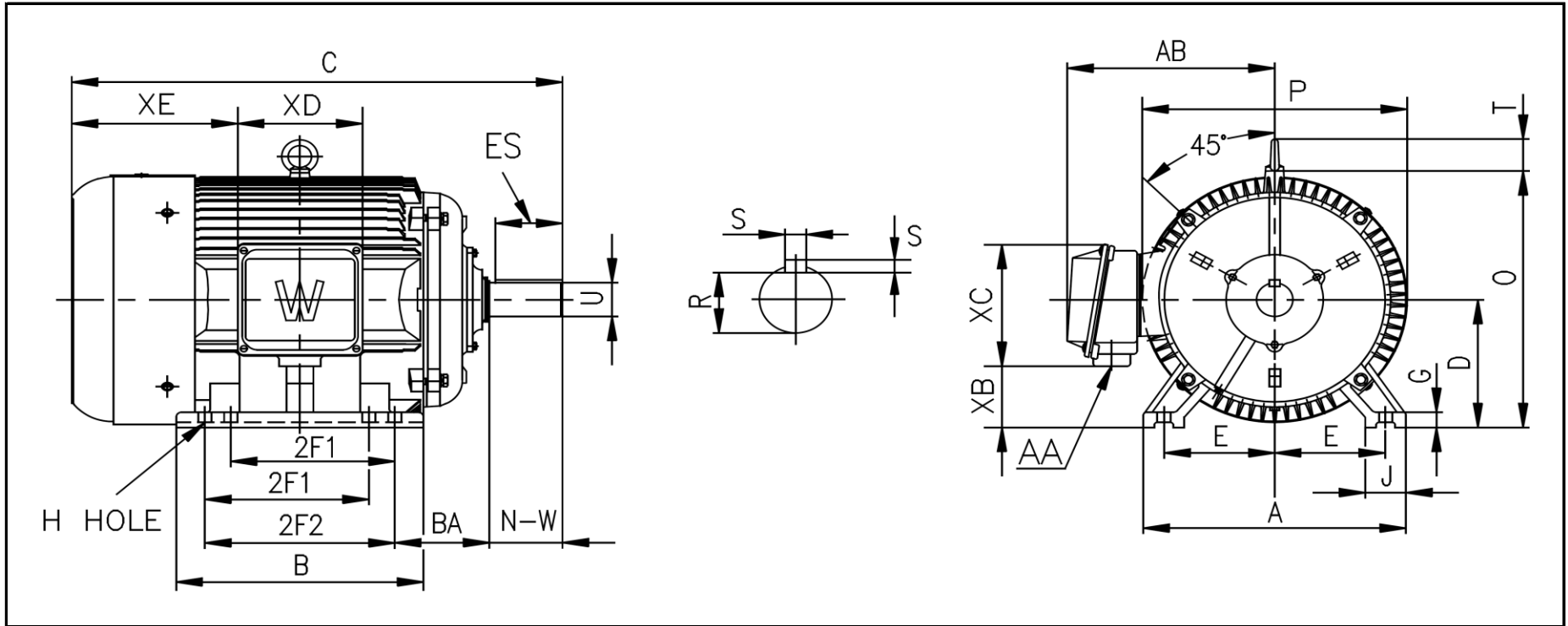
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-215T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
4.25	5.5	7	0.43	3.5	10.5	10.3	21.69	5.25	0.709	2.36	10.4	10.53	1.73	8.66

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.312	2.41	1.201	3.38	1.375	1	2.95	5	4.57	8.22