



WORLDWIDE ELECTRIC MOTOR DATA SHEET



PEWWE3-36-182TC

HORSEPOWER	3		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460V / 3		
FRAME	182TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 200 / 400V 50 HZ Operation With SF 1.0)		
FULL LOAD SPEED	3505 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	7.64 / 3.82 A (Usable On 208V At 8.45 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	64 / 32 A		
NO LOAD CURRENT	3.52 / 1.7 A		
NEMA CODE LETTER	K		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	86.5%	0.85
	75 %	87.1%	0.79
	50 %	87.0%	0.70
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	4.49 lb.ft.	210%	350%
SLIP	2.64 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.133 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	8 SECONDS		
SOUND PRESSURE LEVEL	64 dB (A)		
MAX. AMBIENT TEMPERATURE	40°C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80 °C		
DE BEARING	6206ZZ C3		
ODE BEARING	6206ZZ C3		
GREASE TYPE	SKF LGHP 2		
MOUNTING	F1		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 CARBON STEEL		
INVERTER RATING	10:1 CT / 20:1 VT PWM TYPE		
CONNECTION DIAGRAM	230 / 460V - 9 LEAD Y		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	80.5 lbs.		



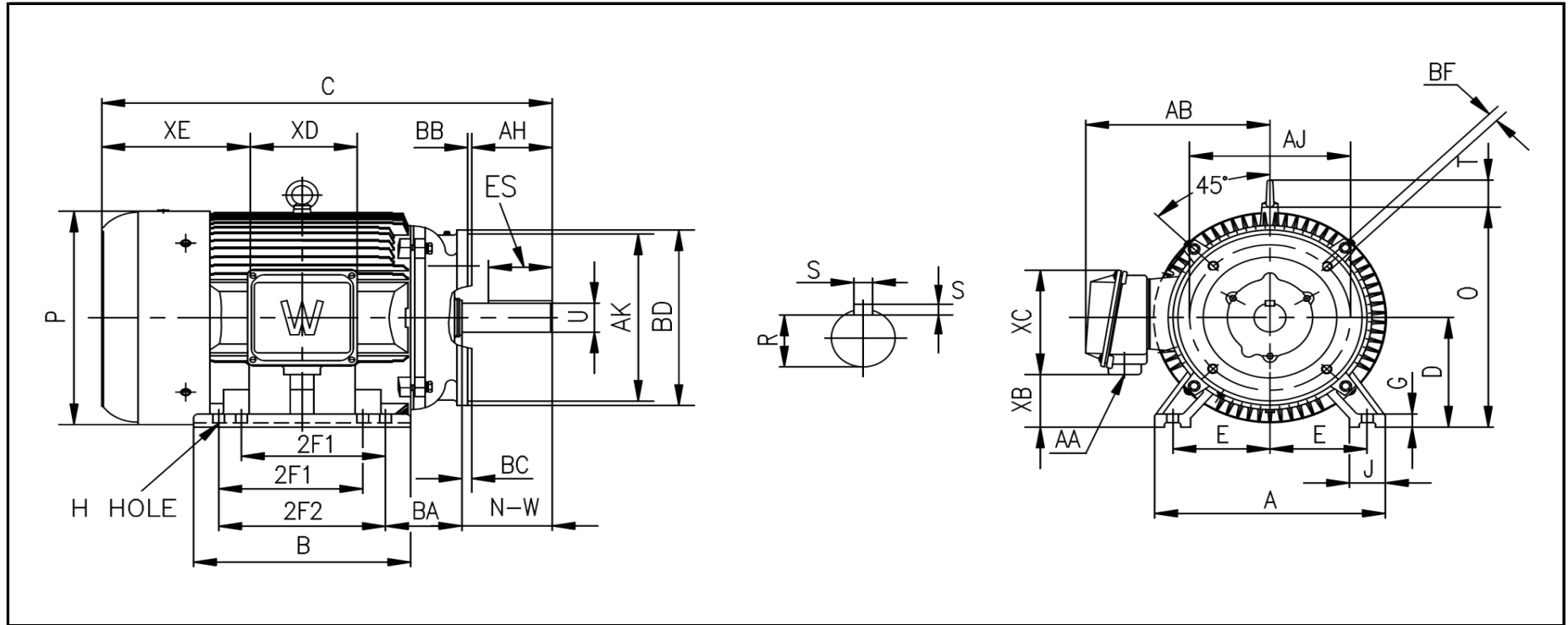
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-182TC



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
3.75	-	4.5	0.41	2.75	9	7.2	15	4.5	0.6	2	9.7	9.5	1.42	8

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX					
S	ES	R	AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.25	1.78	0.986	8.5	7.25	1/2 X 13	0.25	9	2.75	1.125	1	2.2	5.1	4.6	4.95

REVISED - 08/11/17