



**WORLDWIDE ELECTRIC MOTOR DATA SHEET**

**PEWWE60-18-364TC**



HORSEPOWER	<b>60</b>		
RPM / POLES	<b>1800 / 4</b>		
VOLTAGE / PHASE	<b>230 / 460 V / 3</b>		
FRAME	<b>364TC</b>		
ENCLOSURE / DEGREE OF PROTECTION	<b>TEFC / IP55</b>		
FREQUENCY	<b>60 HZ Suitable For 50 HZ Operation With 1.0 SF</b>		
FULL LOAD SPEED	<b>1780 RPM</b>		
SERVICE FACTOR	<b>1.25</b>		
INSULATION CLASS	<b>F</b>		
FULL LOAD AMPS; 230 / 460	<b>144 / 72 A (Usable On 208V At 159 A)</b>		
LOCKED ROTOR AMPS (STARTING); 230 / 460	<b>870 / 435 A</b>		
NO LOAD CURRENT	<b>56 / 28 A</b>		
NEMA CODE LETTER	<b>G</b>		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	<b>100 %</b>	<b>95.0%</b>	<b>0.82</b>
	<b>75 %</b>	<b>95.1%</b>	<b>0.79</b>
	<b>50 %</b>	<b>94.9%</b>	<b>0.70</b>
DUTY CYCLE	<b>S1 / Continuous</b>		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	<b>177 lb.ft.</b>	<b>205%</b>	<b>250%</b>
SLIP	<b>1.10 %</b>		
NEMA DESIGN	<b>B</b>		
MOMENT OF INERTIA	<b>14.7 lb.ft.<sup>2</sup></b>		
MAX. TIME LOCKED ROTOR (Hot)	<b>16 Seconds</b>		
SOUND PRESSURE LEVEL	<b>73 dB (A)</b>		
MAX. AMBIENT TEMPERATURE	<b>40° C</b>		
MAX. ELEVATION	<b>3300 Ft.</b>		
TEMPERATURE RISE (At Full Load)	<b>80° C</b>		
DE BEARING	<b>6313 C3</b>		
ODE BEARING	<b>6312 C3</b>		
REGREASING INT. - DE BEARING	<b>3000 Hours</b>		
REGREASING INT. - ODE BEARING	<b>4000 Hours</b>		
GREASE TYPE	<b>SKF LGHP 2</b>		
MOUNTING	<b>F1</b>		
ROTATION	<b>Bi-Directional</b>		
SHAFT MATERIAL	<b>1045 Carbon Steel</b>		
INVERTER RATING	<b>10:1 CT / 20:1 VT PWM Type</b>		
CONNECTION DIAGRAM	<b>230 / 460 V - 12 Lead Δ</b>		
AREA CLASSIFICATION	<b>Class I, Division 2, Groups A, B, C, D</b>		
APPROXIMATE WEIGHT	<b>769 lbs.</b>		



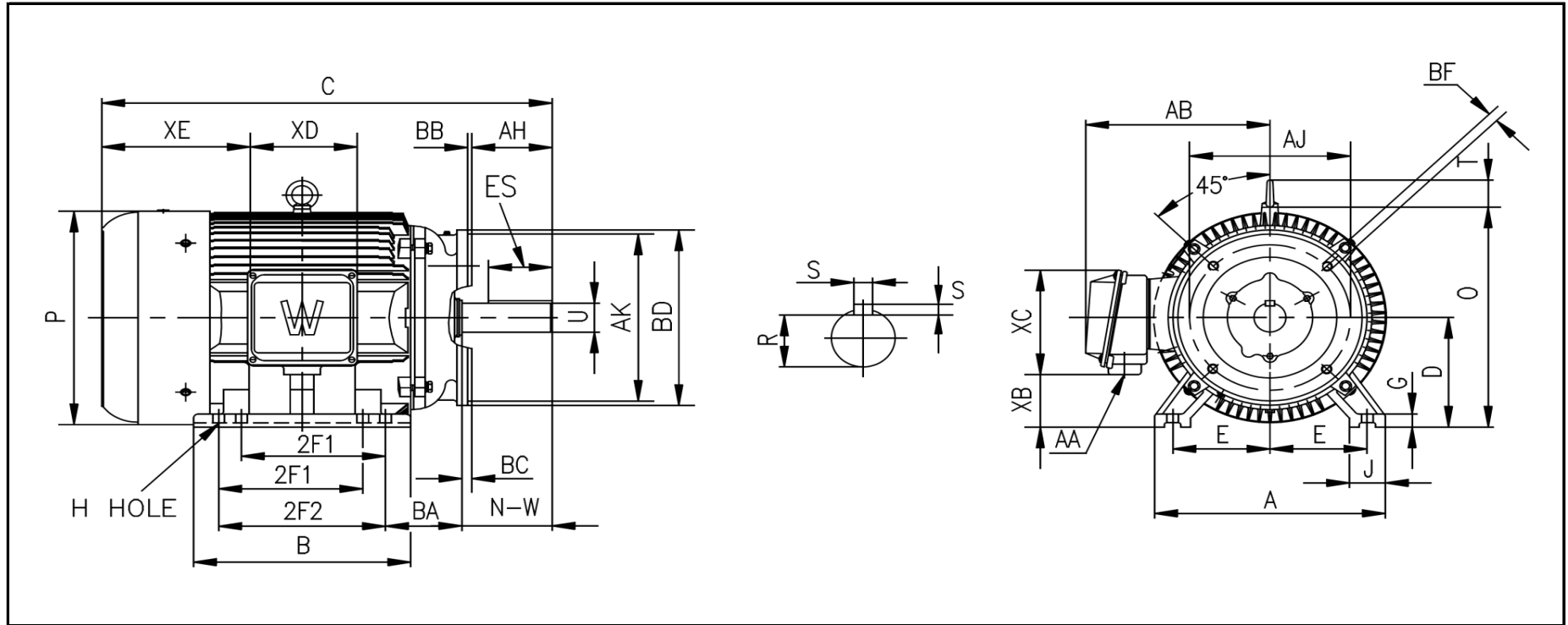
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# WORLDWIDE ELECTRIC MOTOR DRAWING

## PEWWE-364TC



**DIMENSIONS - INCHES**

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
7	-	11.25	0.66	5.88	18	15	32.6	9	1.18	3	19.1	18.8	2.44	16.5

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX					
S	ES	R	AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.625	4.28	2.021	12.5	11	5/8 - 11	0.25	14	5.88	2.375	3	3.8	10.8	9	10.71

REVISED - 08/11/17