



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE2-18-145TC



HORSEPOWER	2
RPM / POLES	1800 / 4
VOLTAGE / PHASE	230 / 460 V / 3
FRAME	145TC
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1755 RPM
SERVICE FACTOR	1.25
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460	5.93 / 2.97 A (Usable On 208V At 6.56 A)
LOCKED ROTOR AMPS (STARTING); 230 / 460	50 / 25 A
NO LOAD CURRENT	3.9 / 1.95 A
NEMA CODE LETTER	L
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100 % 86.5% 0.73
	75 % 86.4% 0.64
	50 % 83.8% 0.51
DUTY CYCLE	S1 / Continuous
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	5.98 lb.ft. 270% 350%
SLIP	2.5 %
NEMA DESIGN	B
MOMENT OF INERTIA	0.105 lb.ft. ²
MAX. TIME LOCKED ROTOR (Hot)	12 Seconds
SOUND PRESSURE LEVEL	62 dB (A)
MAX. AMBIENT TEMPERATURE	40° C
MAX. ELEVATION	3300 Ft.
TEMPERATURE RISE (At Full Load)	80° C
DE BEARING	6205ZZ C3
ODE BEARING	6205ZZ C3
REGREASING INT. - DE BEARING	---
REGREASING INT. - ODE BEARING	---
GREASE TYPE	SKF LGHP 2
MOUNTING	F1 (F2 Suitable)
ROTATION	Bi-Directional
SHAFT MATERIAL	1045 Carbon Steel
INVERTER RATING	10:1 CT / 20:1 VT PWM Type
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Y
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D
APPROXIMATE WEIGHT	58.5 lbs



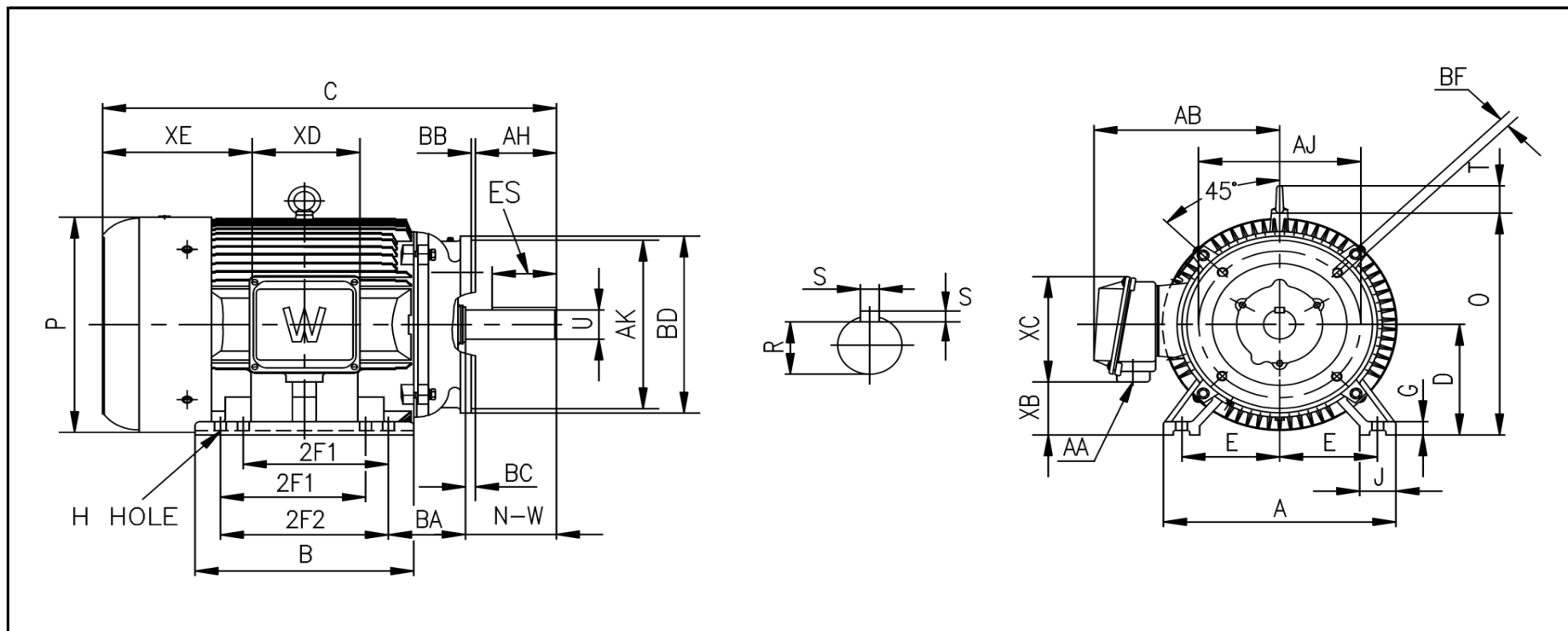
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WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-145TC



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
2.75	4	5	0.34	2.25	7	6.6	13.5	3.5	0.43	1.2	8	7.8	1.42	6.7

KEY		KEYSET	FLANGE					SHAFT		TERMINAL BOX				
S	ES		AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.188	1.42	0.771	4.5	5.875	3/8 - 16	0.16	6.5	2.25	0.875	0.75	1.6	4.6	4.1	4.45

REVISED - 08/11/17