



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE3-18-182T



HORSEPOWER	3		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	182T		
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	8.05 / 4.02 A (Usable On 208V At 8.9 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	64 / 32 A		
NO LOAD CURRENT	4.6 / 2.3 A		
NEMA CODE LETTER	K		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	89.5%	0.78
	75 %	89.7%	0.70
	50 %	88.5%	0.57
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	9.0 lb.ft.	220%	320%
SLIP	2.5 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.23 lb.ft.²		
MAX. TIME LOCKED ROTOR (Hot)	12 Seconds		
SOUND PRESSURE LEVEL	63 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		
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	86 lbs.		



CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-182T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	L	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	8

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.25	1.78	0.986	1.125	1.125	1	2.2	5.1	4.6	4.95