



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE20-9-324T



HORSEPOWER	20		
RPM / POLES	900 / 8		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	324T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	875 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	52.6 / 26.3 A (Usable On 208V At 58.1 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	290 / 145 A		
NO LOAD CURRENT	23 / 11.5 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	90.2%	0.79
	75 %	91.2%	0.74
	50 %	91.1%	0.62
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	120 lb.ft.	165%	220%
SLIP	2.78 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	7.89 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	7 Seconds		
SOUND PRESSURE LEVEL	68 dB (A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6312 C3		
ODE BEARING	6311 C3		
REGREASING INT. - DE BEARING	6800 Hours		
REGREASING INT. - ODE BEARING	6800 Hours		
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 - 12 Lead Δ		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	478 lbs.		



CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-324T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	L	AB
E	2F1	2F2	H	BA									
6.25	-	10.5	0.66	5.25	16	13.5	29.6	8	0.99	2.8	15.7	16	14.5

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.5	3.91	1.845	5.25	2.125	2	2.4	10.8	9	10.5