



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE75-18-365T



HORSEPOWER	75		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	365T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1780 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	177 / 88.7 A (Usable On 208V At 196 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	1085 / 542.5 A		
NO LOAD CURRENT	74 / 37 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	95.4%	0.83
	75 %	95.5%	0.80
	50 %	95.3%	0.71
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	221 lb.ft.	180%	230%
SLIP	1.10 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	17.5 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	12 Seconds		
SOUND PRESSURE LEVEL	74 dB (A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6313 C3		
ODE BEARING	6313 C3		
REGREASING INT. - DE BEARING	3000 Hours		
REGREASING INT. - ODE BEARING	4000 Hours		
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 / 460 V - 12 Lead Δ		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	858 lbs.		



CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-365T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	L	AB
E	2F1	2F2	H	BA									
7	11.25	12.25	0.66	5.88	18	16	33.6	9	1.18	3	19.1	18.8	16.5

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.625	4.28	2.021	5.88	2.375	3	3.8	10.8	9	12.01