



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE25-12-324TC



HORSEPOWER	25		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	324TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1185 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	65.4 / 32.7 A (Usable On 208V At 72.3 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	365 / 182.5 A		
NO LOAD CURRENT	31 / 15.5 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	93.0%	0.77
	75 %	93.4%	0.72
DUTY CYCLE	50 %	92.9%	0.61
	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	111 lb.ft.	160%	210%
SLIP	1.25 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	7.31 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	15 Seconds		
SOUND PRESSURE LEVEL	70 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	6000 Hours		
REGREASING INT. - ODE BEARING	6000 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	481 lbs.		



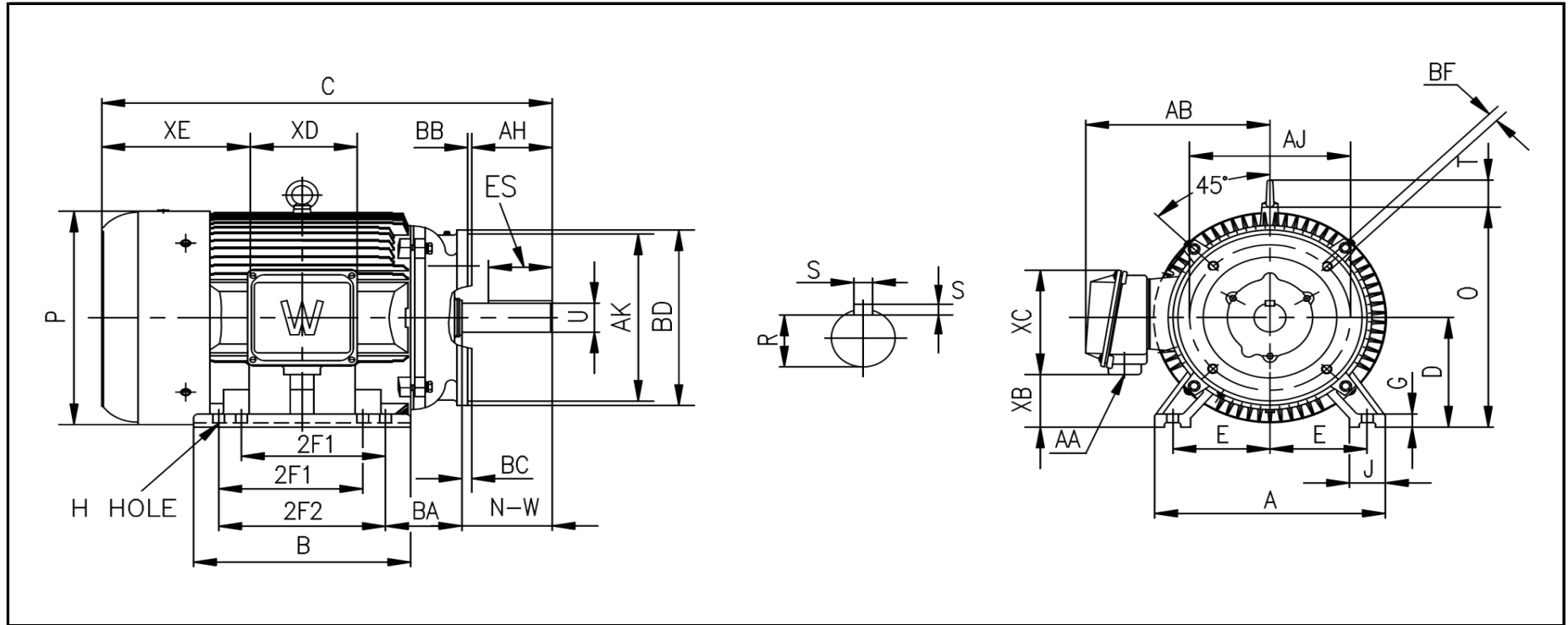
CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-324TC



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	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	2.44	14.5

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX					
S	ES	R	AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.5	3.91	1.845	12.5	11	5/8 - 11	0.25	14	5.25	2.125	2	2.4	10.8	9	9.35

REVISED - 08/11/17

PERFORMANCE CURVES

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net

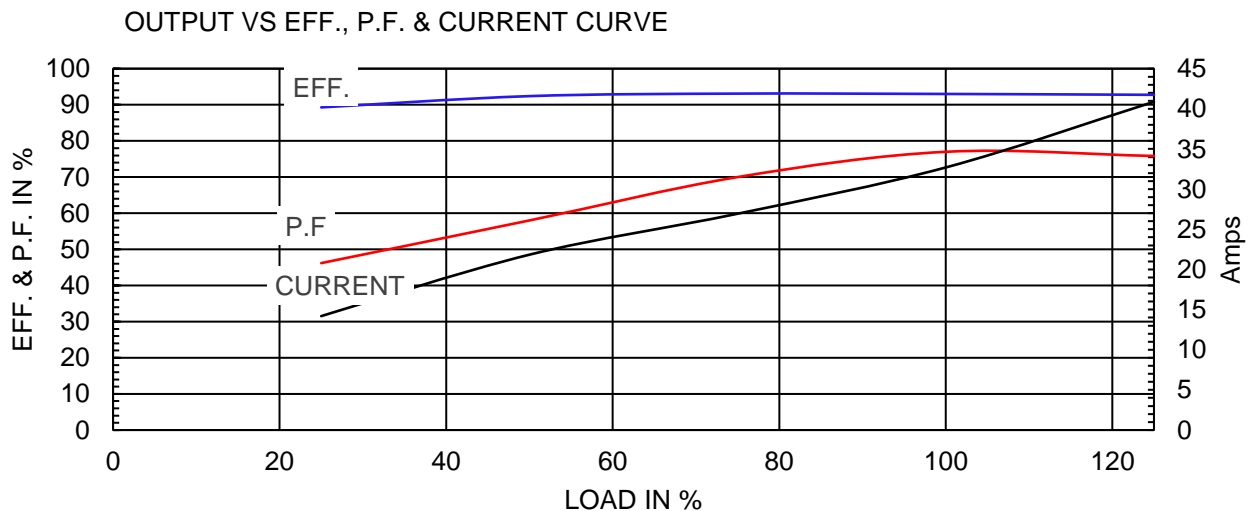
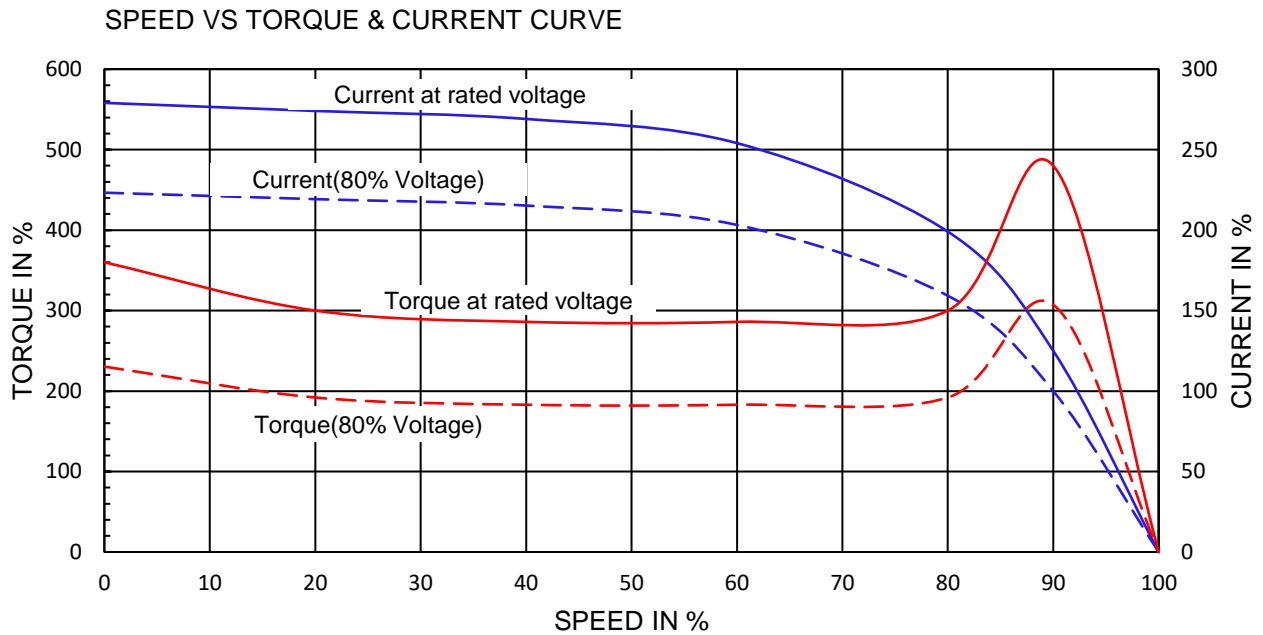


Premium Efficiency Motor:

PEWWE25-12-324TC

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Motor Type	PEWWE		
Output Rating (HP)	25	FL Speed	1185
Full Load Torque	111 lb.ft	LRT (%FLT)	180
Rotor Wk ²	8.61 lb-ft ²	BDT (%FLT)	240
		460 volt FLA	32.7
		230 volt FLA	65.4A



NAMEPLATE / WIRING

WorldWide Electric Corporation

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Worldwideelectric.net



Premium Efficiency Motor: **PEWWE25-12-324TC**

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Customer:

SAMPLE NAMEPLATE DATA

		PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR				CC006A ISO9001	259277 	
Model	PEWWE25-12-324TC		Ser No.	ZP			Low Voltage 6 4 5 7 8 9 12 10 11 1 2 3 L1 L2 L3 <hr/> High Voltage 4 5 6 7 8 9 12 10 11 1 2 3 L1 L2 L3	
HP	25	S.F.	1.25	Type		Encl		TEFC IP55
Frame	324TC	P.F.	0.77	Ins Cl	F	Rating		40°C Amb Cont
Voltage	230/460	Hz	60Hz	Design	B	DE Brng		6312 C3
Amps	65.4A / 32.7A	RPM	1185	Code	G	ODE Brng		6311 C3
Nom. Eff.	FL 93.0 %	3/4 93.1 %	230/460 V		Date			
Usable on 208V network at 72 Amps 1.0SF			Class I DIV. 2 Groups A B C D		Amb. 40°C	T3C(160°C)		
10:1 CT 20:1 VT PWM VFD 1.0SF			Class I Zone 2 IIC		Amb. 55°C	T3A(180°C)		
50Hz 25 HP 200/400 V V 77. / 38. A 985 rpm 1.0SF								
WorldWide Electric Corporation								

