



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE15-36-254T



HORSEPOWER	15		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	254T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3540 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	35.1 / 17.5 (Usable On 208V At 38.8 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	232 / 116 A		
NO LOAD CURRENT	9.8 / 4.9 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	91.0%	0.88
	75 %	91.5%	0.87
	50 %	90.8%	0.81
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	22.2 lb.ft.	160%	230%
SLIP	1.66 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.968 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	14 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	6309 C3		
ODE BEARING	6209 C3		
REGREASING INT. - DE BEARING	3000 Hours		
REGREASING INT. - ODE BEARING	3000 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 - 9 Lead Δ		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	261 lbs.		



CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-254T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	L	AB
E	2F1	2F2	H	BA									
5	-	8.25	0.53	4.25	12.5	10.3	23.5	6.25	0.79	2.4	12.6	12.9	10.5

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.375	2.91	1.416	4	1.625	1.5	3	7.4	6.3	8.38

PERFORMANCE CURVES

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net

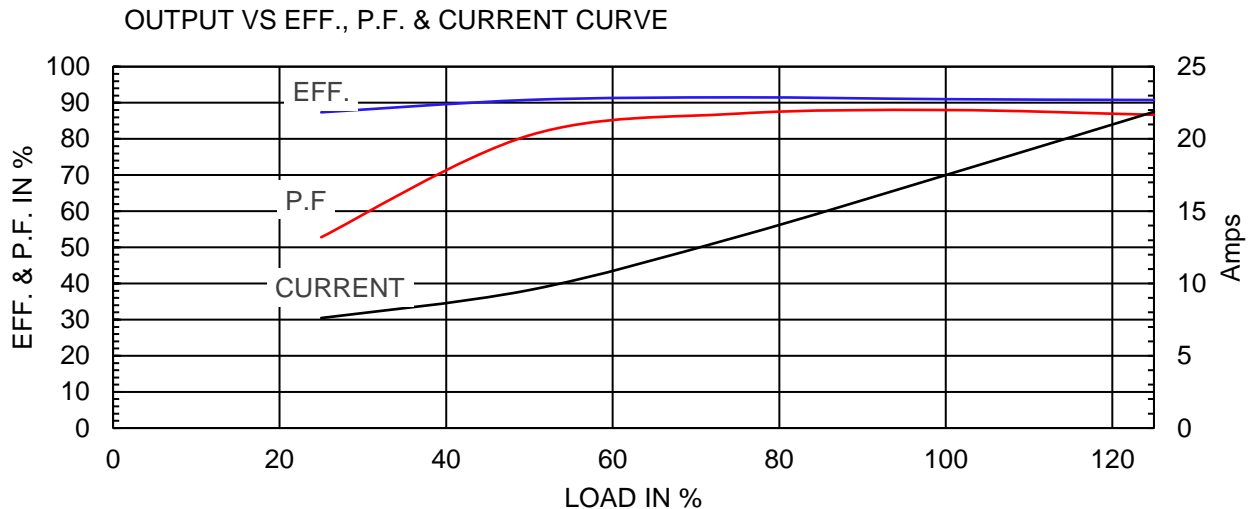
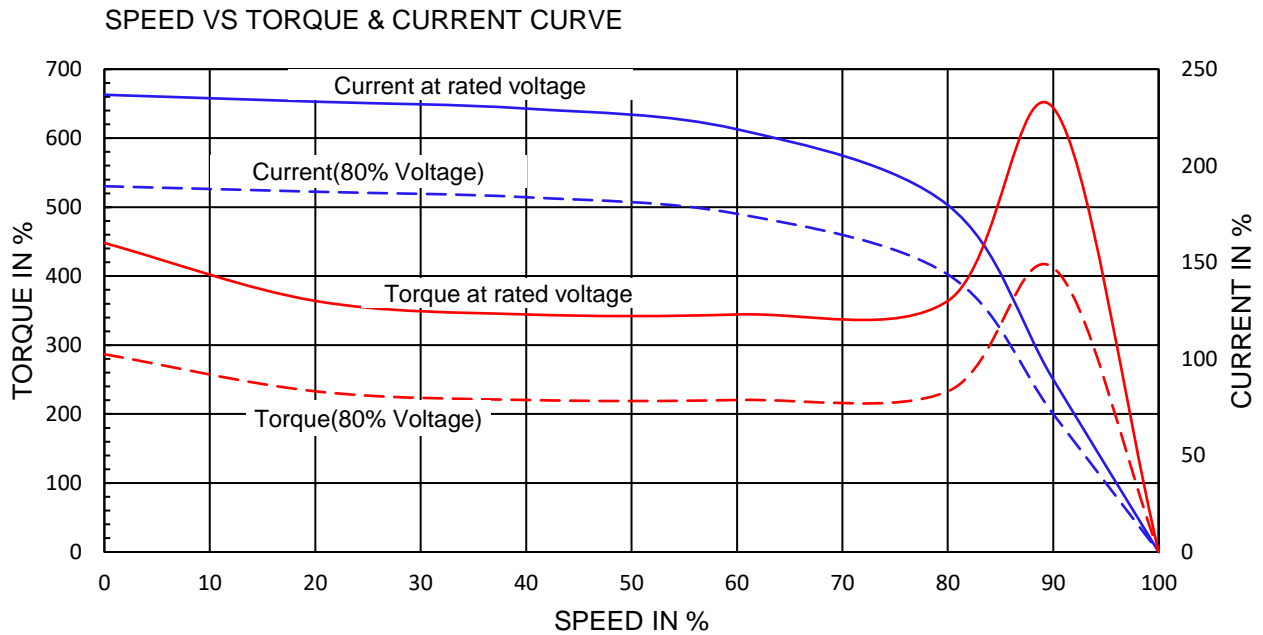


Premium Efficiency Motor:

PEWWE15-36-254T

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Motor Type	PEWWE		
Output Rating (HP)	15	FL Speed	3540
Full Load Torque	22.2 lb.ft	LRT (%FLT)	160
Rotor Wk ²	0.986 lb-ft ²	BDT (%FLT)	230
		460 volt FLA	17.5
		230 volt FLA	35.1A



NAMEPLATE / WIRING

WorldWide Electric Corporation

1 (800) 808-2131

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Premium Efficiency Motor:

PEWWE15-36-254T

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SAMPLE NAMEPLATE DATA

		PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR		CC006A ISO9001	259277
Model	PEWWE15-36-254T	Ser No.	ZP		
HP	15	S.F.	1.25	Type	Encl TEFC IP55
Frame	254T	P.F.	0.88	Ins Cl	Rating 40°C Amb Cont
Voltage	230/460	Hz	60 Hz	Design	DE Brng 6309 C3
Amps	35.1A /17.5A	RPM	3545	Code	ODE Brng 3209 C3
Nom. Eff.	FL 91.0%	3/4	91.5%	230/460V	Date
Usable on 208V network at 39 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 15 HP 200/400 V 41.1 / 20.5 A 2935 rpm S.F1.0					
WorldWide Electric Corporation					

