



# WORLDWIDE ELECTRIC MOTOR DATA SHEET

## PEWWE60-36-364TS



HORSEPOWER	60		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	364TS		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3560 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	141 / 70.6 A (Usable On 208V At 156 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	870 / 435 A		
NO LOAD CURRENT	38 / 19 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	93.6%	0.85
	75 %	93.8%	0.84
	50 %	93.2%	0.78
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	88.5 lb.ft.	190%	220%
SLIP	1.10 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	7.84 lb.ft. <sup>2</sup>		
MAX. TIME LOCKED ROTOR (Hot)	15 Seconds		
SOUND PRESSURE LEVEL	77 dB (A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6313 C3		
ODE BEARING	6312 C3		
REGREASING INT. - DE BEARING	1800 Hours		
REGREASING INT. - ODE BEARING	2400 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	743 lbs.		



CC006A





# WORLDWIDE ELECTRIC MOTOR DRAWING

## PEWWE-364TS



**DIMENSIONS - INCHES**

MOUNTING					A	B	C	D	G	J	P	L	AB
E	2F1	2F2	H	BA									
7	-	11.25	0.66	5.88	17	15	30.5	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
0.5	2.03	1.591	3.75	1.875	3	3.8	10.8	9	11.51

# PERFORMANCE CURVES

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net

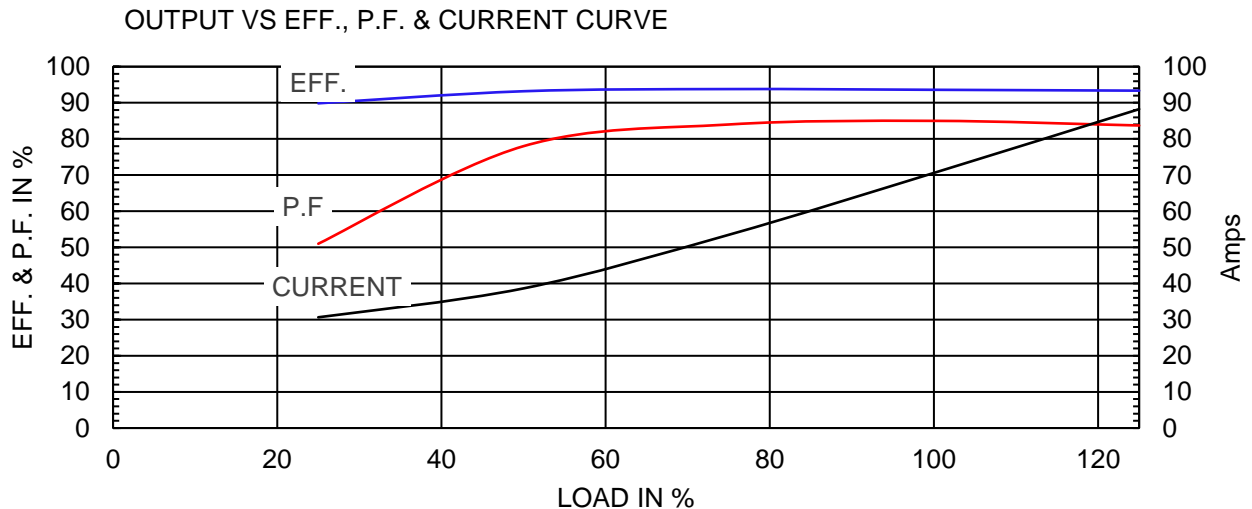
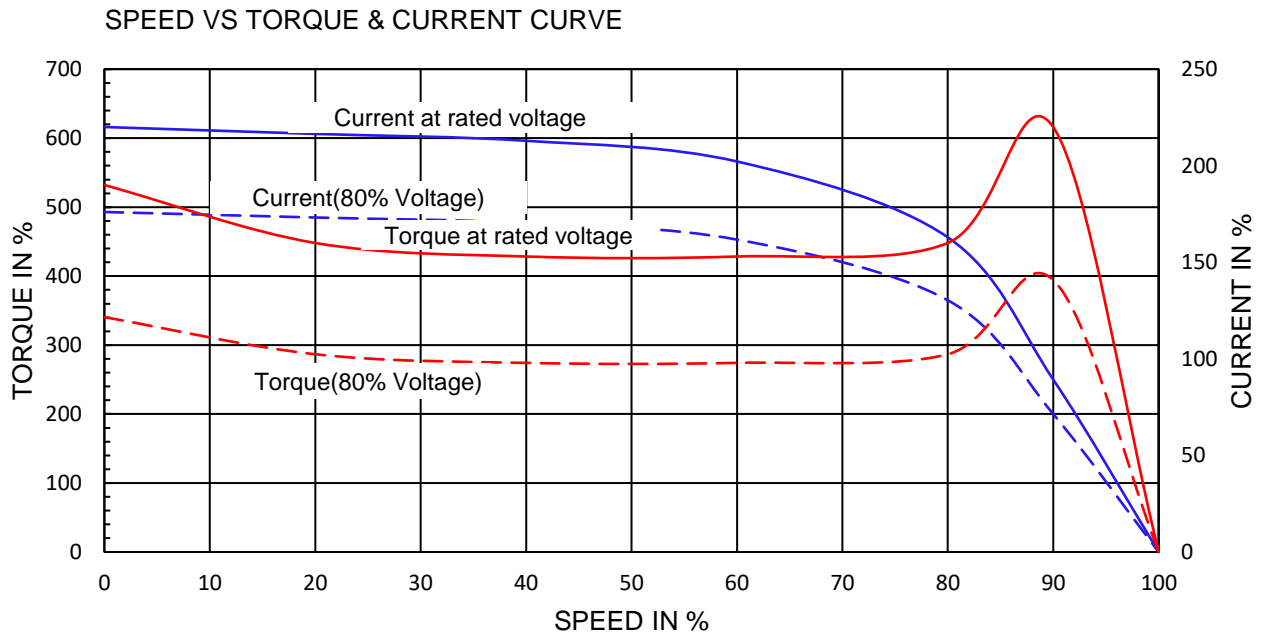


Premium Efficiency Motor:

**PEWWE60-36-364TS**

Document Generated: 25-Jun-2020	Customer:
Document ID:	

Motor Type	PEWWE		FL Speed	3560	
Output Rating (HP)	60		LRT (%FLT)	190	460 volt FLA 70.6
Full Load Torque	88.5	lb.ft	BDT (%FLT)	220	230 volt FLA 141A
Rotor Wk <sup>2</sup>	7.84	lb-ft <sup>2</sup>			



# NAMEPLATE / WIRING

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Premium Efficiency Motor:

**PEWWE60-36-364TS**

Document Generated: 21-Aug-2019  
Document ID:

Customer:

## SAMPLE NAMEPLATE DATA

		<b>PREMIUM EFFICIENCY</b> <b>3-PHASE INDUCTION MOTOR</b>			CC006A ISO9001	259277 	
Model	PEWWE60-36-364TS		Ser No.	ZP			
HP	60	S.F.	1.25	Type		Encl	TEFC IP55
Frame	364TS	P.F.	0.85	Ins Cl	F	Rating	40°C Amb Cont
Voltage	230/460	Hz	60 Hz	Design	B	DE Brng	6313 C3
Amps	141A / 70.6A	RPM	3560	Code	G	ODE Brng	6312 C3
Nom.Eff.	FL 93.6%	3/4 93.9%	230/460 V		Date		
Usable on 208V network at		156	Amps 1.0SF	Class I DIV. 2 Groups A B C D		Amb.40°C	T3A(180°C)
10:1 CT 20:1 VT PWM VFD 1.0SF				Class I Zone 2 IIC		Amb.55°C	T3(200°C)
50Hz		60	HP	200/400 V	V	164 / 81.8	A 2960 rpm 1.0SF
<b>WorldWide Electric Corporation</b>							

**Low Voltage**

6	4	5
7	8	9
12	10	11
1	2	3
L1	L2	L3

**High Voltage**

4	5	6
7	8	9
12	10	11
1	2	3
L1	L2	L3

