



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE15-36-215TC



HORSEPOWER	15		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	215TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3505 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	34.7 / 17.3 (Usable On 208V At 38.4 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	232 / 116 A		
NO LOAD CURRENT	10.6 / 5.3 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	91.0%	0.89
	75 %	91.8%	0.86
	50 %	91.7%	0.78
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	22.5 lb.ft.	160%	240%
SLIP	2.64 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.369 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	8 Seconds		
SOUND PRESSURE LEVEL	69 dB (A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6308ZZ C3		
ODE BEARING	6207ZZ C3		
REGREASING INT. - DE BEARING			
REGREASING INT. - ODE BEARING			
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 - 9 Lead Δ		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	190 lbs.		



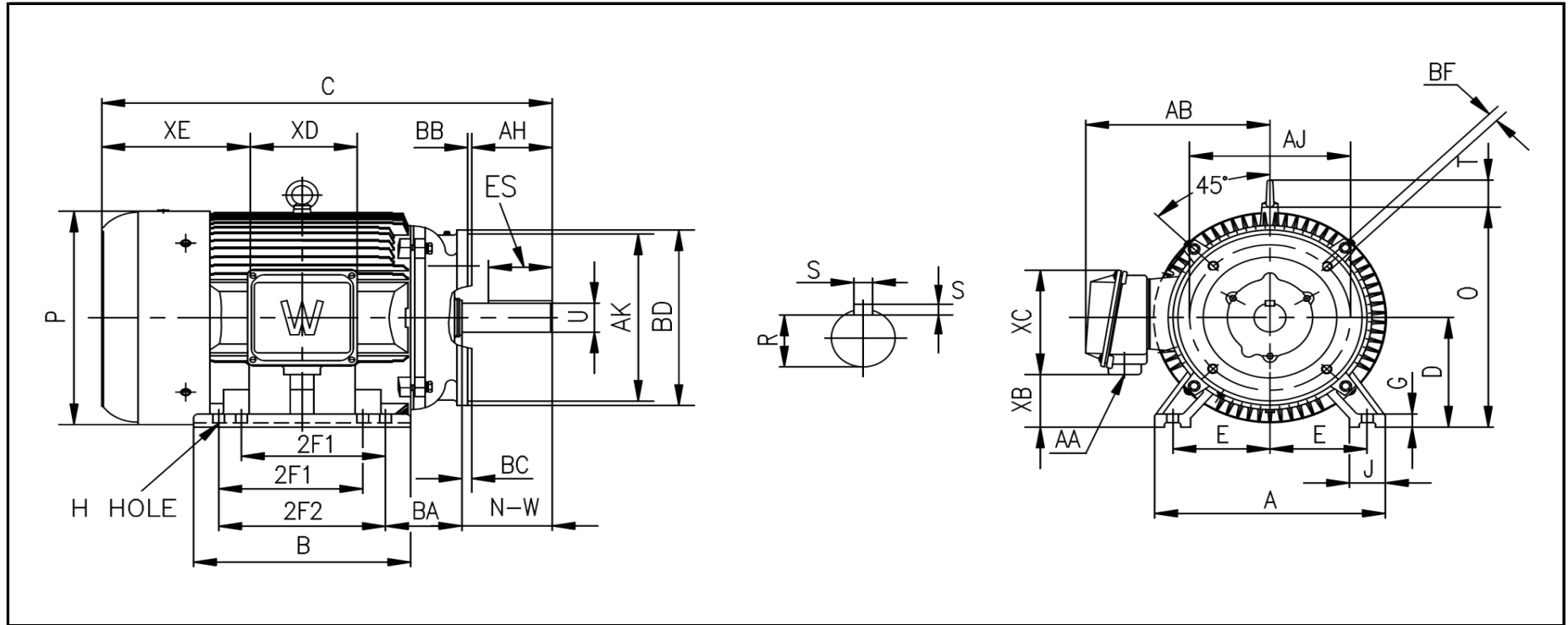
CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-215TC



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
4.25	5.5	7	0.41	3.5	10.5	10.5	21.8	5.25	0.71	2.4	10.4	10.6	1.73	8.5

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX					
S	ES	R	AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.312	2.41	1.201	8.5	7.25	1/2 - 13	0.25	9	3.38	1.375	1	3.3	5.1	4.6	8.37

REVISED - 08/11/17

PERFORMANCE CURVES

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net

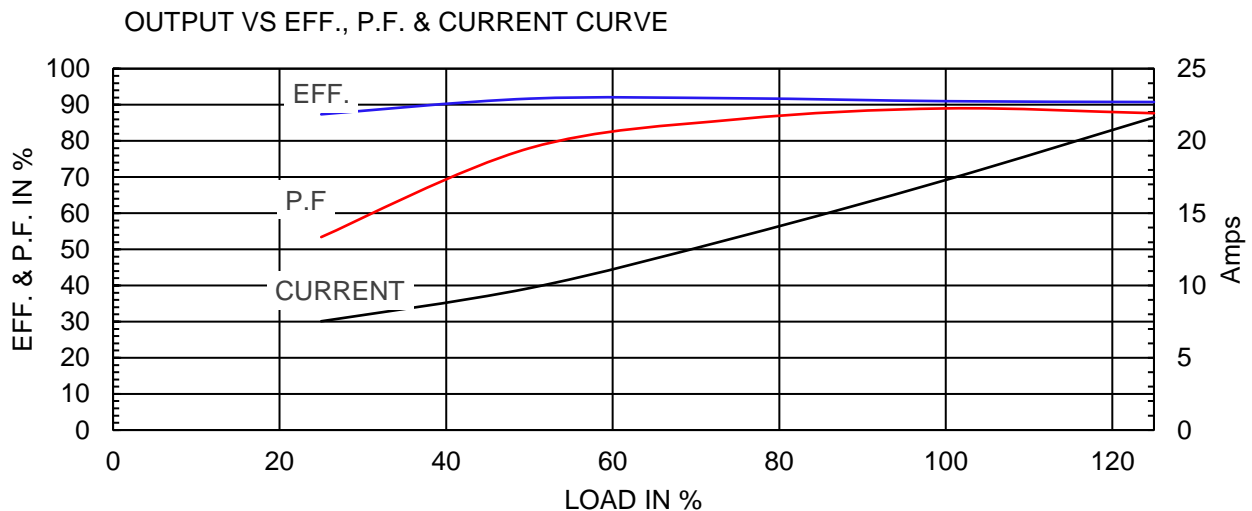
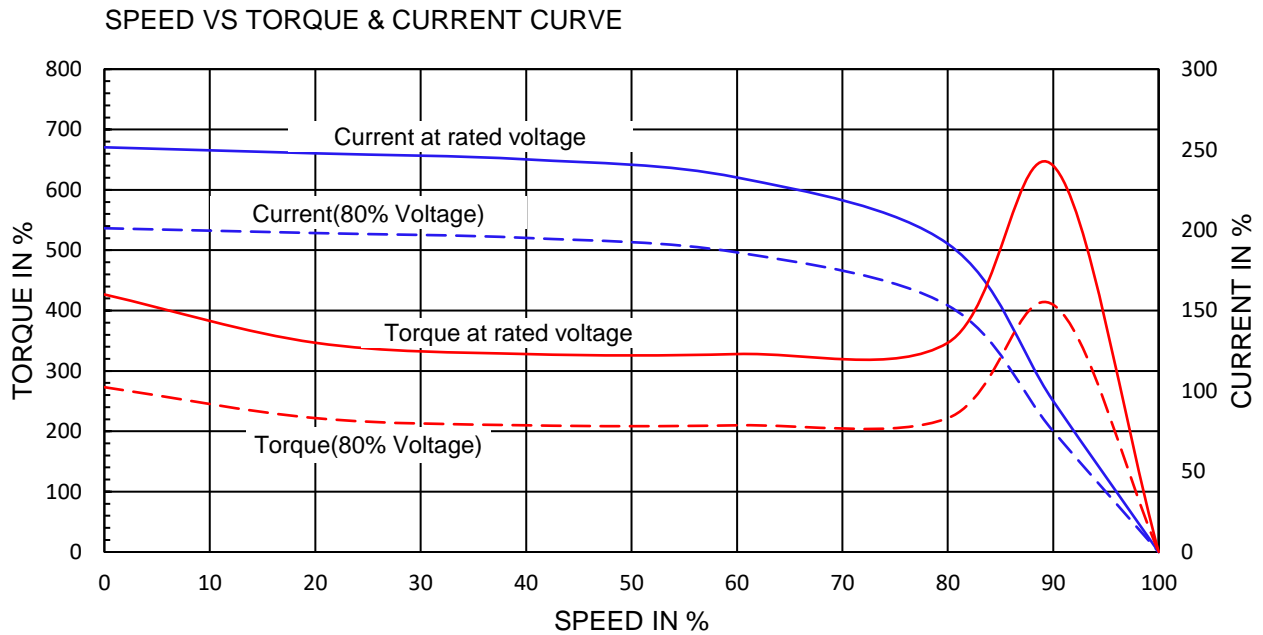


Premium Efficiency Motor:

PEWWE15-36-215TC

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

Motor Type	PEWWE		
Output Rating (HP)	15	FL Speed	3505
Full Load Torque	22.5 lb.ft	LRT (%FLT)	160
Rotor Wk ²	0.369 lb-ft ²	BDT (%FLT)	240
		460 volt FLA	17.3
		230 volt FLA	34.7A



NAMEPLATE / WIRING

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Premium Efficiency Motor: **PEWWE15-36-215TC**

Document Generated: 24-Sep-2019
Document ID:

Customer:

SAMPLE NAMEPLATE DATA

		PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR			CC006A ISO9001	259277
Model	PEWWE15-36-215TC	Ser No.	ZP			
HP	15	S.F.	1.15	Type	Encl TEFC IP55	
Frame	215TC	P.F.	0.89	Ins Cl	Rating 40°C Amb Cont	
Voltage	230/460	Hz	60 Hz	Design	DE Brng 6308ZZ C3	
Amps	34.7A /17.3A	RPM	3505	Code	ODE Brng 6207ZZ C3	
Nom. Eff.	FL 91.0 %	3/4	91.8 %	230/460V	Date	
Usable on 208V network at 38 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 40. / 20. A 2895 rpm S.F1.0						
WorldWide Electric Corporation						

