WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE15-12-284T

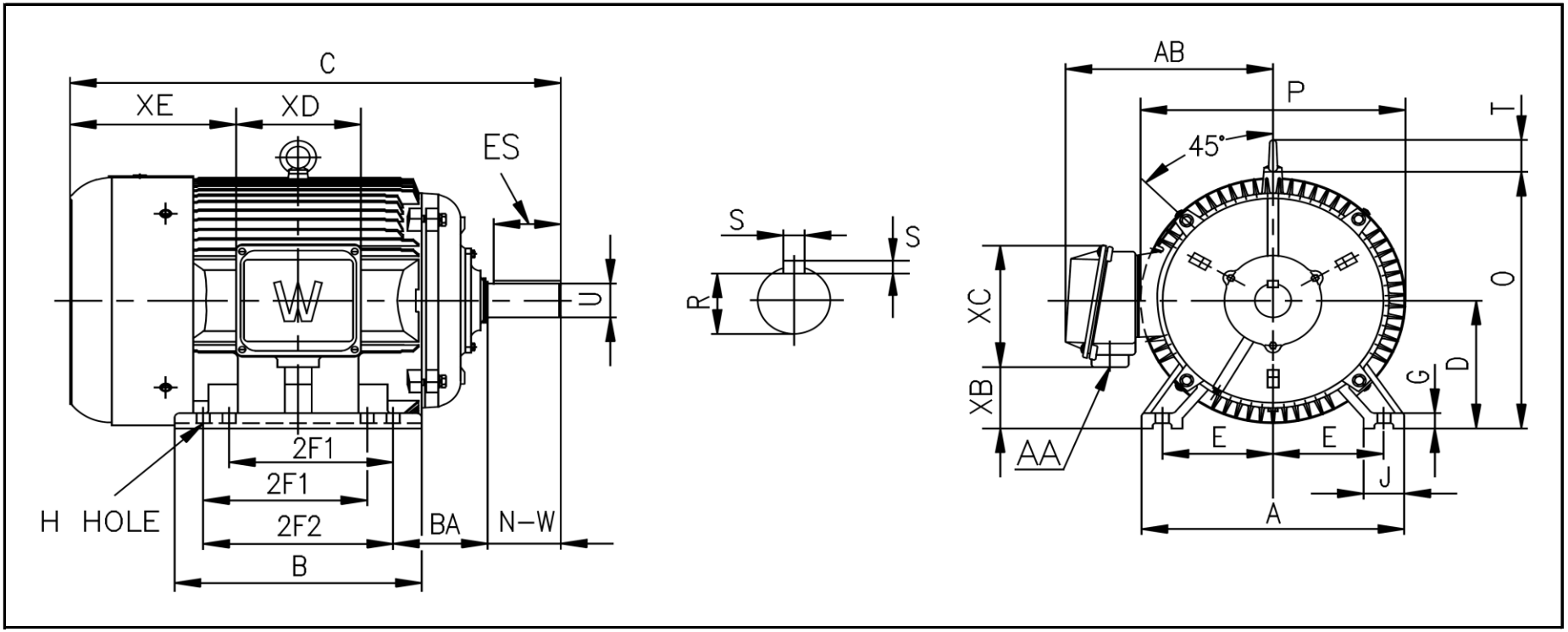
HORSEPOWER	**15**		
RPM / POLES	**1200 / 6**		
VOLTAGE / PHASE	**230 / 460 V / 3**		
FRAME	**284T**		
ENCLOSURE / DEGREE OF PROTECTION	**TEFC / IP54**		
FREQUENCY	**60 HZ Suitable For 50 HZ Operation With 1.0 SF**		
FULL LOAD SPEED	**1185 RPM**		
SERVICE FACTOR	**1.15**		
INSULATION CLASS	**F**		
FULL LOAD AMPS; 230 / 460	**37.6 / 18.8 A Usable On 208 V At 41.6 A**		
LOCKED ROTOR AMPS (STARTING); 230 / 460	**232 / 116 A**		
NO LOAD CURRENT	**18.0 / 9.0 A**		
NEMA CODE LETTER	**G**		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	**91.7%**	**0.80**
	75%	**91.7%**	**0.74**
	50%	**90.9%**	**0.62**
DUTY CYCLE	**CONTINUOUS**		
TORQUE	FULL LOAD	LRT	BDT
	65.5 lb.ft.	**160%**	**270%**
SLIP	**1.25%**		
NEMA DESIGN	**B**		
MOMENT OF INERTIA	**4.38 lb.ft.^{2}**		
SOUND PRESSURE LEVEL	**80 dB(A)**		
MAX. TIME LOCKED ROTOR (Hot)	**12 Seconds**		
MAX. AMBIENT TEMPERATURE	**40° C**		
MAX. ELEVATION	**3300 Ft. Above Sea Level**		
TEMPERATURE RISE (At Full Load)	**80° C**		
DE BEARING	**6311C3**		
ODE BEARING	**6309C3**		
REGREASING INT. - DE BEARING	**12,400 Hours (0.64 oz.)**		
REGREASING INT. - ODE BEARING	**13,400 Hours (0.46 oz.)**		
GREASE TYPE	**Mobil Polyrex EM**		
MOUNTING	**F1**		
ROTATION	**Bi-Directional**		
C-FLANGE	**PEW280TC**		
D-FLANGE	**PEW280TD**		
SHAFT MATERIAL	**1045 Carbon Steel**		
CONNECTION DIAGRAM	**230 / 460 V - 12 Lead Δ**		
APPROXIMATE WEIGHT	**397 lbs.**		
INVERTER RATING	**4:1 CT / 10:1 VT PWM Type**		

C US EEV 200895 **CC006A**

REVISED - 08/14/13

WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-284T



DIMENSIONS - INCHES

MOUNTING														
E	**2F1**	**2F2**	**H**	**BA**	**A**	**B**	**C**	**D**	**G**	**J**	**P**	**O**	**T**	**AB**
5.5	9.5	---	0.53	4.75	14	12.5	28	7	0.866	2.76	14.17	14.28	2.05	12

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	**ES**	**R**	**N-W**	**U**	**AA**	**XB**	**XC**	**XD**	**XE**
0.5	3.28	1.591	4.62	1.875	1.5	3.58	7.2	6.3	10.5

REVISED - 08/14/13