



PE364T-30-8C

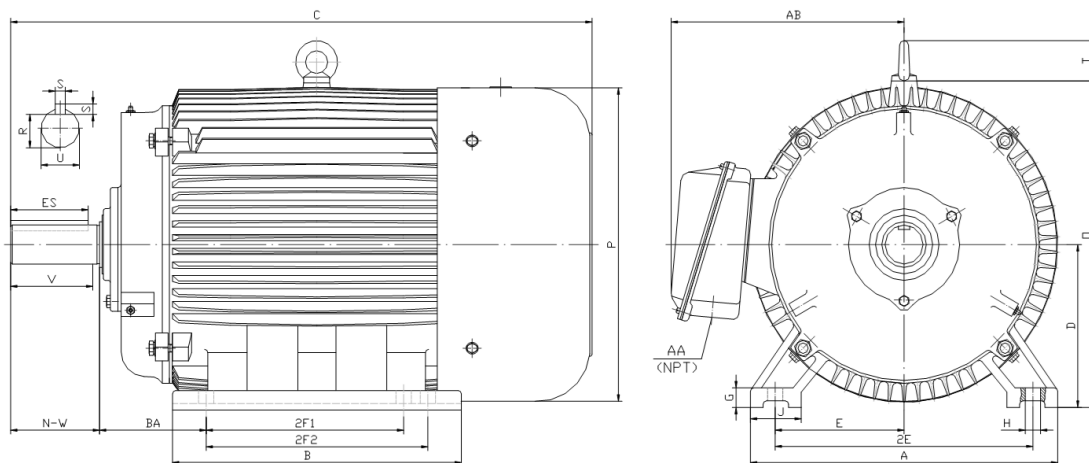
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
30	900	364T	17.10	14.40	32.50	9.00	1.15	0.66	2.95	7.00	14.00	11.25	0.00	18.10	17.60	2.60	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.375	5.62	2.021	0.625	4.28	5.88	3.00	14.60	6313	6313	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP



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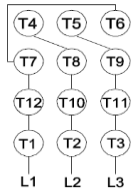
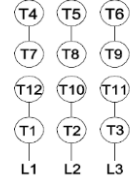
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
30	885	364T	208-230/460	60	1.15	F	C	1.7	G	TEFC	55	40° C

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6313	6313	12 Lead 2Δ/Δ	671
40.0	217	91.7	91.0	90.0	90.2	0.760	0.630	0.500	177.5	200	270				

NAME PLATE

North American Electric, Inc. NEMA Premium																																							
INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS																													
CAT NO: PE364T-30-8C										FRAME 364T										PHASE 3										208-230V									
HZ 60					S.F. 1.15					HZ 50					S.F. 1.0					ENCL TEFC					IP 55														
HP 30					RPM 885					HP 30					RPM 740					DUTY CONT					DES C														
VOLTS 208-230/460					VOLTS 190/380					AMB 40° C					INS F																								
FLA 88 - 80 / 40					FLA 96/48					DE BEARING 6313																													
CODE G					P.F. 0.76					CODE F					P.F. 0.78					ODE BEARING 6313																			
EFF 91.7					MIN 90.2					EFF 89.7					MIN 88.2					LUB: Mobil Polyrex EM																			
MOTOR WEIGHT 671 LBS					CONNECTION 12 Lead 2Δ/Δ					SER NO																													
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi																														CC 082A									
																				460V 																			

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.