



PE364T-60-4-575V

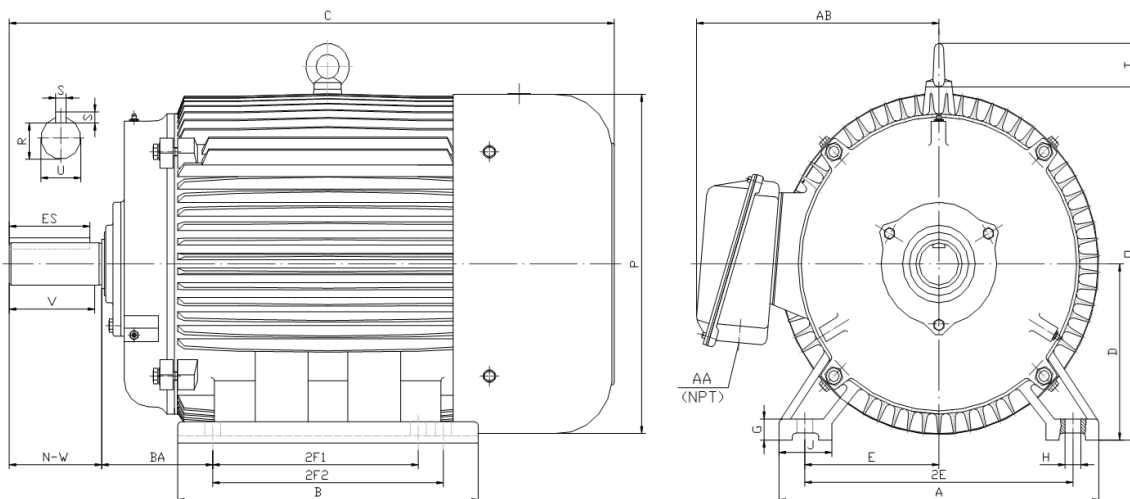
GENERAL PURPOSE ELECTRIC MOTOR

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
60	1800	364T	17.10	14.40	32.50	9.00	1.10	0.66	2.95	7.00	14.00	11.25	0.00	18.50	18.40	2.60	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.38	5.62	2.02	0.63	4.28	5.88	3.00	15.00	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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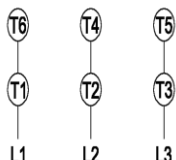
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
60	1780	364T	575	60	1.15	F	B	1.1	G	TEFC	55	40° C

Amps (575V)			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 %				
55.6	348		95.0	95.0	95.0	94.1	0.850	0.830	0.750	177.6	160	240	6313	6313	6 Lead Δ	766

NAME PLATE

 North American Electric, Inc.												CONNECTION DIAGRAM 					
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO: PE364T-60-4-575V				HP 60		Hz 60		PHASE 3									
VOLTS 575			FLA	55.6			IP RATING 55										
RPM 1780		POWER FACTOR 0.85				DESIGN B											
FRAME 364T		NEMA NOM EFF 95.0			CODE G												
DRIVE END BEARING 6313		NEMA MIN EFF 94.1			S.F. 1.15												
OPP DRIVE END BEARING 6313		MAX AMB 40° C			INS CLASS F												
ENCL TEFC		RATING		CONT	SER												
MOTOR WEIGHT 766 LBS				CONNECTION 6 Lead Δ			LUB: Mobil Polyrex EM										
General purpose use on industrial machinery installed in damp, dusty or dirty environments.																CC 082A	
Hernando, Mississippi																	

APPLICATIONS:

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