



PE364TS-60-4

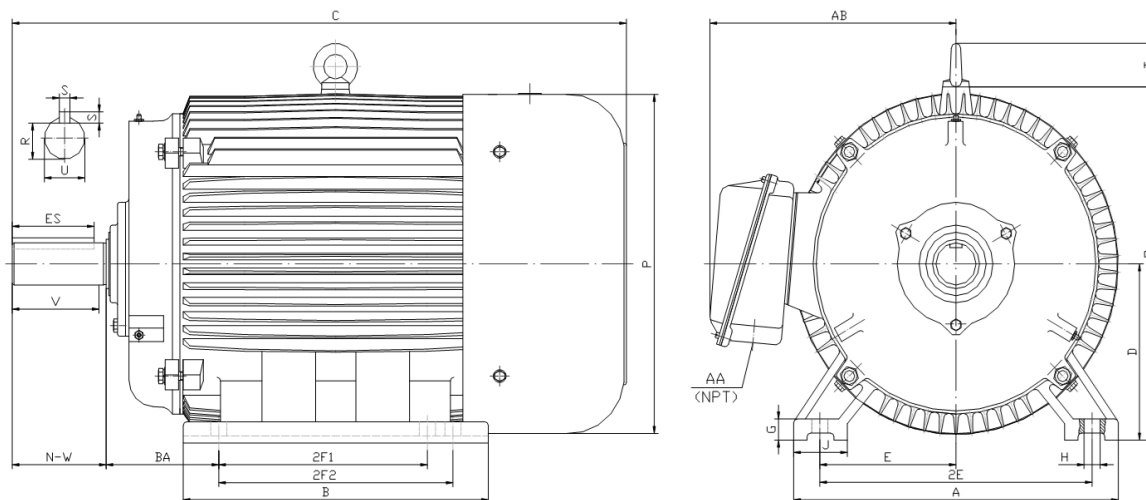
GENERAL PURPOSE ELECTRIC MOTOR

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	364TS	17.10	14.40	30.40	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	
1.875	3.50	1.591	0.500	2.03	3.75	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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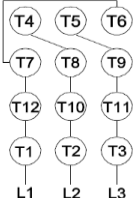
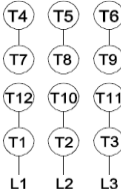
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PERFORMANCE DATA

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	364TS	208-230/460	60	1.15	F	B	1.1	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	801
69.5	435	95.0	95.0	95.0	94.1	0.850	0.830	0.750	177.6	160	240				

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208-230V 								
INVERTER DUTY 20:1 VT; 10:1 CT																					
CAT NO: PE364TS-60-4				FRAME 364TS				PHASE 3													
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC					IP 55								
HP 60		RPM 1780		HP 60		RPM 1480		DUTY CONT					DES B								
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C					INS F								
FLA 154 - 139 / 69.5				FLA 168/84				DE BEARING 6313													
CODE G		P.F. 0.85		CODE F		P.F. 0.86		ODE BEARING 6313													
EFF 95.0		MIN 94.1		EFF 93.8		MIN 92.6		LUB: Mobil Polyrex EM													
MOTOR WEIGHT 801 LBS				CONNECTION 12 Lead 2Δ/Δ				SER NO													
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.