

**PE404T-60-6C**

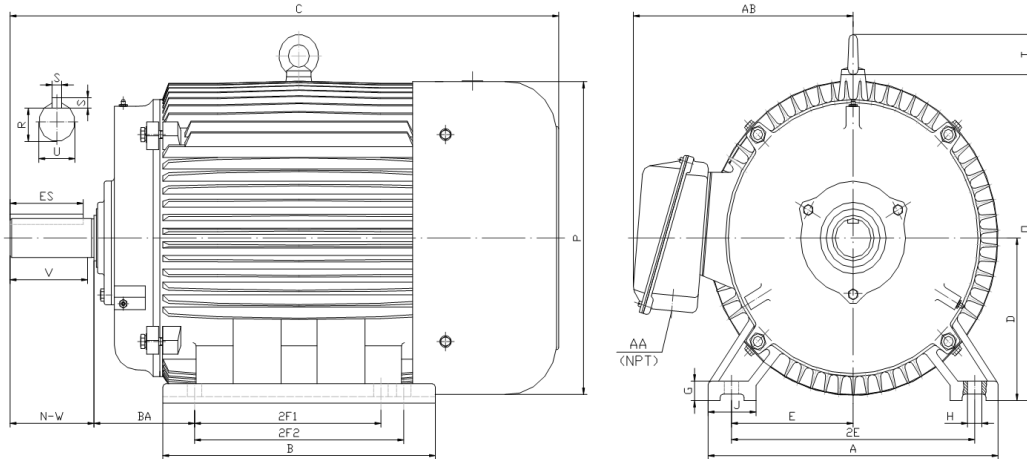
GENERAL PURPOSE ELECTRIC MOTOR

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	1200	404T	19.30	17.90	38.00	10.00	1.25	0.81	3.15	8.00	16.00	12.25	13.75	21.10	21.60	2.60	6.62

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.875	7.00	2.450	0.750	5.65	7.25	3.00	16.60	NU318	6314	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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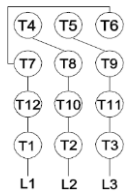
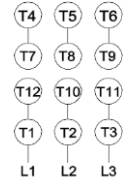



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### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
60	1190	404T	208-230/460	60	1.15	F	C	0.8	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 %				
70.0	435	94.5	94.5	94.0	93.6	0.810	0.780	0.700	268.0	200	250	NU318	6314	12 Lead 2Δ/Δ	1096

### NAME PLATE

 <b>North American Electric, Inc.</b>													<b>CONNECTION DIAGRAMS</b> <b>208-230V</b> 							
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>																				
CAT NO:		PE404T-60-6C				FRAME		404T		PHASE		3		<b>460V</b> 						
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55									
HP	60	RPM	1190	HP	60	RPM	990	DUTY	CONT	DES	C									
VOLTS		208-230/460				VOLTS		190/380		AMB	40° C	INS	F							
FLA		154 - 140 / 70				FLA		176/88		DE BEARING			NU318							
CODE	G	P.F.	0.81	CODE	F	P.F.	0.82	ODE BEARING			6314									
EFF	94.5	MIN	93.6	EFF	93	MIN	92.1	LUB:			Mobil Polyrex EM									
MOTOR WEIGHT		1096		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	

### APPLICATIONS:

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