



PE404TC-60-6C

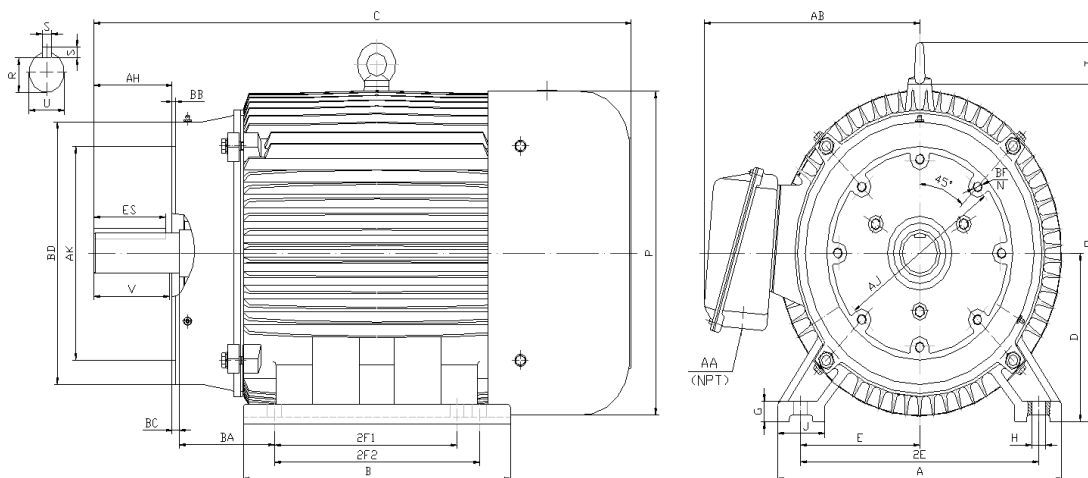
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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	404TC	19.30	17.90	38.00	10.00	1.18	0.81	3.15	8.00	16.00	12.25	13.75	21.10	21.60	2.60	6.62

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
7.00	11	12.50	0.25	0.25	15.50	8*5/8-11	2.875	7	2.45	0.75	5.65	NA	3.00	16.60	6318	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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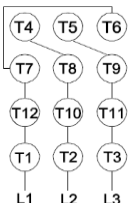
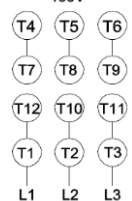
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PERFORMANCE DATA

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	404TC	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	435.0		94.5	94.5	94.0	93.6	0.810	0.780	0.700	268	200	250	6318	6314	12 Lead 2Δ/Δ	1096

NAME PLATE

 North American Electric, Inc.																							
INVERTER DUTY 20:1 VT; 10:1 CT																							
CAT NO: PE404TC-60-6C						FRAME 404TC						PHASE 3											
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 6318															
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. CC 082A Hernando, Mississippi																							
CONNECTION DIAGRAMS 208-230V  460V 																							

APPLICATIONS:

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