



PE404T-50-8C

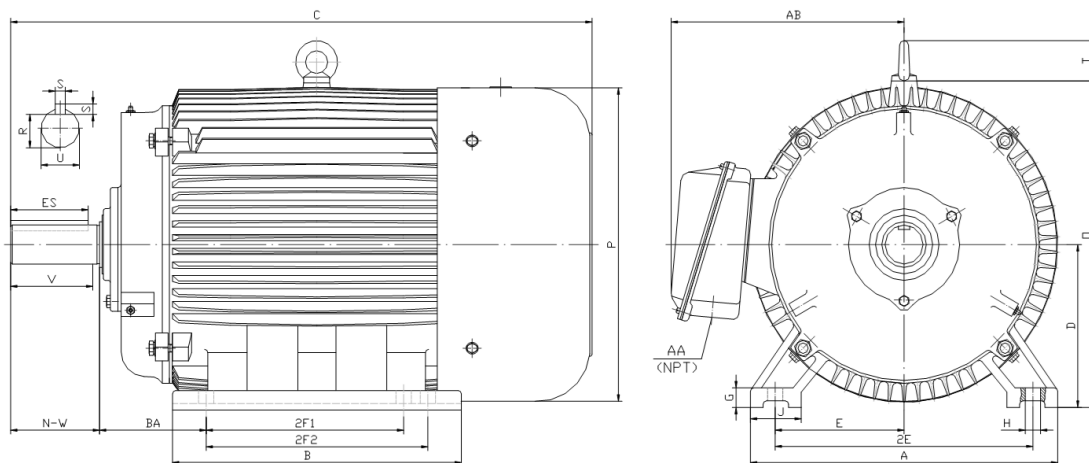
GENERAL PURPOSE ELECTRIC MOTOR

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
50	900	404T	19.30	16.40	36.50	10.00	1.18	0.81	3.15	8.00	16.00	12.25	0.00	19.80	19.10	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	15.60	NU315	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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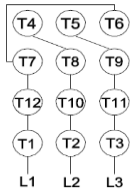
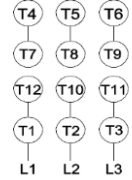
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
50	885	404T	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 %	NU315	6314	12 Lead 2Δ/Δ	902
63.0	362	92.4	92.4	91.5	91.0	0.800	0.690	0.560	298.0	200	240				

NAME PLATE

 North American Electric, Inc. 												CONNECTION DIAGRAMS					
INVERTER DUTY 20:1 VT; 10:1 CT												208-230V					
CAT NO: PE404T-50-8C				FRAME 404T				PHASE 3									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55							
HP 50		RPM 885		HP 50		RPM 740		DUTY CONT		DES C							
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F							
FLA 139 - 126 / 63				FLA 151/75.5				DE BEARING NU315									
CODE G		P.F. 0.80		CODE F		P.F. 0.82		ODE BEARING 6314									
EFF 92.4		MIN 91.0		EFF 90.4		MIN 89		LUB: Mobil Polyrex EM									
MOTOR WEIGHT 902 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.