

PE404T-50-8C

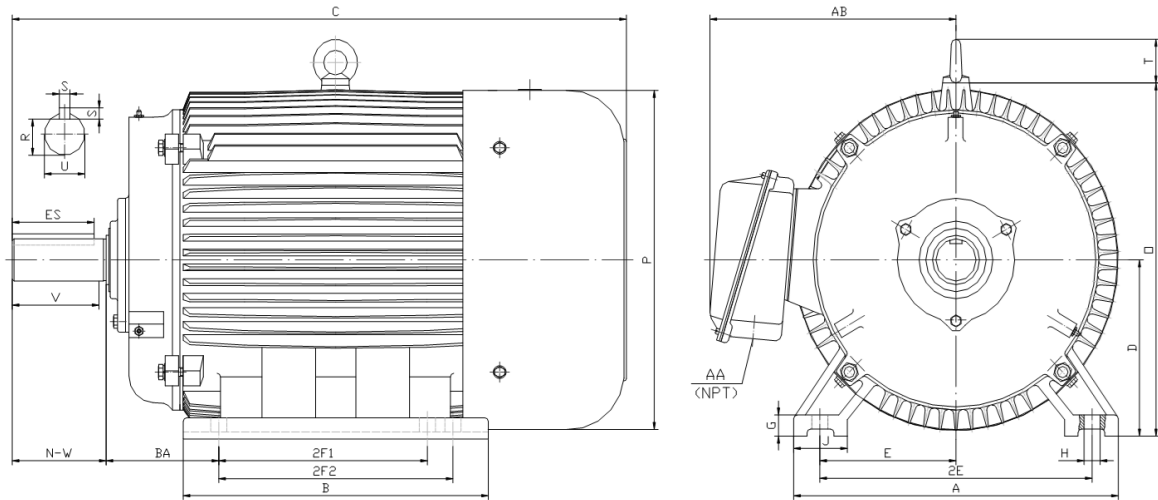
GENERAL PURPOSE ELECTRIC MOTOR

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	17.90	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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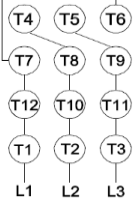
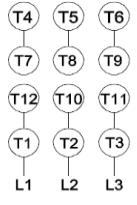



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PERFORMANCE DATA

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 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
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				460V 			
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.