

PE404T-60-6-575V

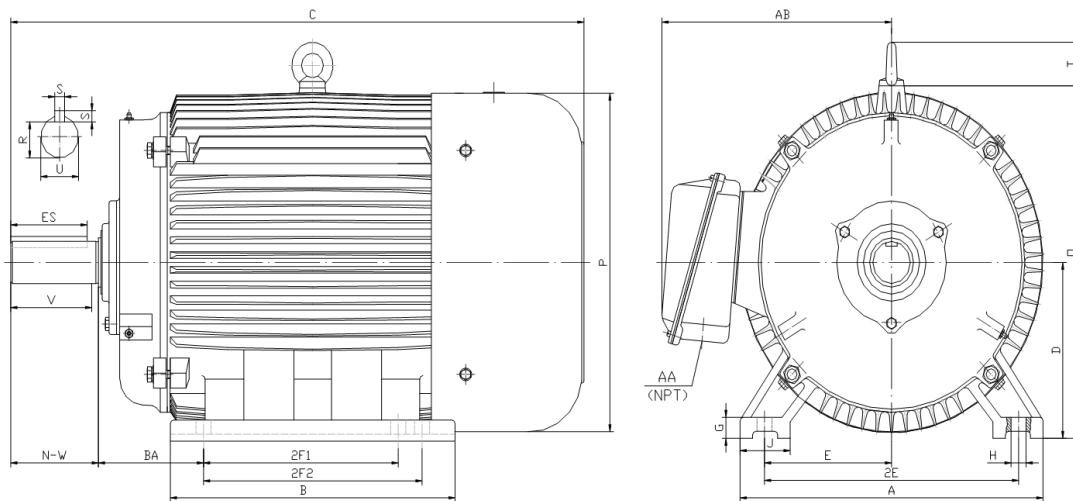
GENERAL PURPOSE ELECTRIC MOTOR

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	
2.88	7.00	2.45	0.75	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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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	575	60	1.15	F	B	0.8	G	TEFC	55	40° C

Amps (575V)		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 %	NU318	6314	6 Lead Δ	1000
56.0	348	94.5	94.5	94.0	93.6	0.810	0.780	0.700	268.0	150	250				

NAME PLATE

 North American Electric, Inc.						NEMA Premium		CONNECTION DIAGRAM		
INVERTER DUTY 20:1 VT; 10:1 CT										
CAT NO:		PE404T-60-6-575V		HP	60	Hz	60	PHASE	3	
VOLTS		575		FLA	56.0		IP RATING		55	
RPM		1190		POWER FACTOR		0.81		DESIGN		B
FRAME		404T		NEMA NOM EFF		94.5		CODE		G
DRIVE END BEARING		NU318		NEMA MIN EFF		93.6		S.F.		1.15
OPP DRIVE END BEARING		6314		MAX AMB		40° C		INS CLASS		F
ENCL		TEFC		RATING		CONT		SER		
MOTOR WEIGHT		1000 LBS		CONNECTION		6 Lead Δ		LUB: Mobil Polyrex EM		
General purpose use on industrial machinery installed in damp, dusty or dirty environments. ISO9001 CERTIFIED CE SP[®] C US 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.