

PE364T-40-6

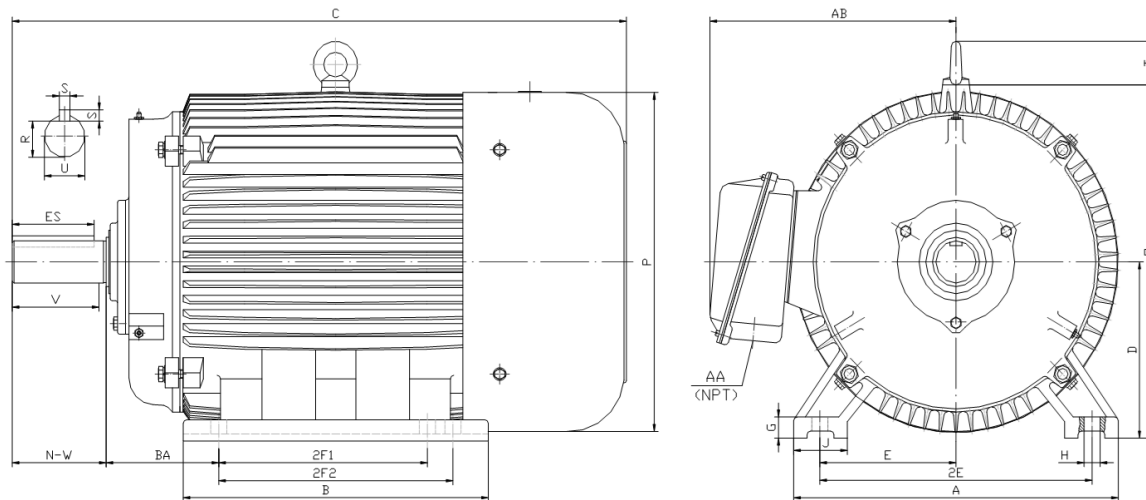
GENERAL PURPOSE ELECTRIC MOTOR

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
40	1200	364T	17.10	14.40	32.50	9.00	1.10	0.66	2.95	7.00	14.00	11.25	0.00	18.50	18.40	2.60	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.375	5.62	2.021	0.625	4.28	5.88	3.00	15.00	6313	6313	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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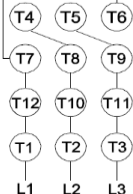
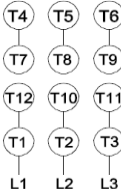
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
40	1188	364T	208-230/460	60	1.15	F	B	1.0	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 %	6313	6313	12 Lead 2Δ/Δ	724
50.0	290	94.1	94.1	93.6	93.0	0.780	0.750	0.660	178.1	155	250				

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208-230V  460V 				
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO: PE364T-40-6				FRAME 364T				PHASE 3									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55							
HP 40		RPM 1188		HP 40		RPM 985		DUTY CONT		DES B							
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F							
FLA 110 - 100 / 50				FLA 122/61				DE BEARING 6313									
CODE G		P.F. 0.78		CODE F		P.F. 0.80		ODE BEARING 6313									
EFF 94.1		MIN 93.0		EFF 92.4		MIN 91.3		LUB: Mobil Polyrex EM									
MOTOR WEIGHT 724 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																	

APPLICATIONS:

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