



PE365T-50-6

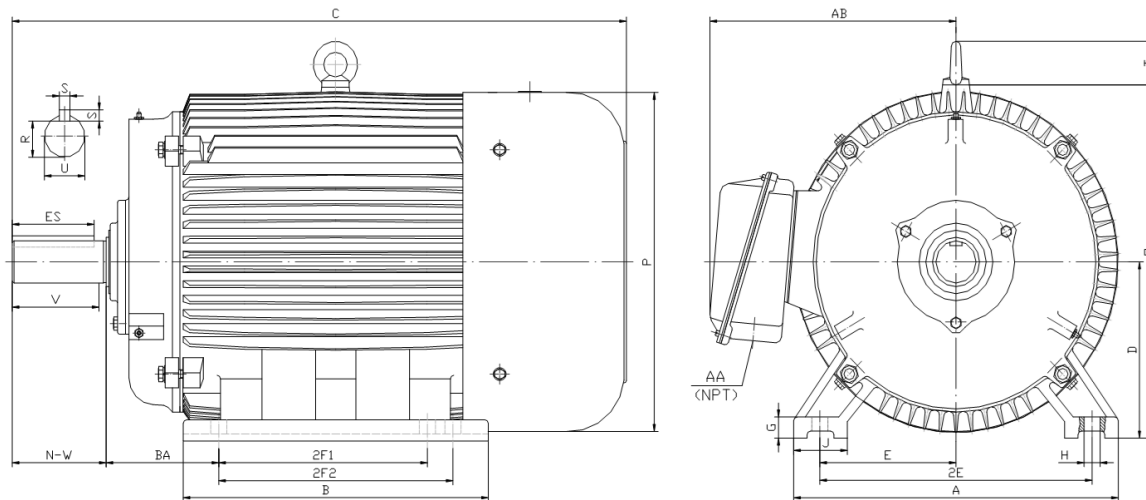
GENERAL PURPOSE ELECTRIC MOTOR

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
50	1200	365T	17.10	15.40	33.50	9.00	1.10	0.66	2.95	7.00	14.00	11.25	12.25	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	14.00	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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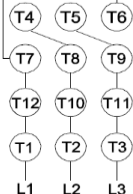
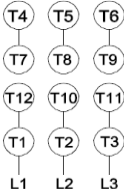
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
50	1187	365T	208-230/460	60	1.15	F	B	1.1	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	779
62.0	362	94.1	94.2	93.8	93.0	0.790	0.760	0.670	222.6	150	260				

NAME PLATE

North American Electric, Inc. 										CONNECTION DIAGRAMS 208-230V 
INVERTER DUTY 20:1 VT; 10:1 CT										
CAT NO: PE365T-50-6				FRAME 365T		PHASE 3				
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC IP 55		
HP 50		RPM 1187		HP 50		RPM 985		DUTY CONT DES B		
VOLTS 208-230/460				VOLTS 190/380		AMB 40° C		INS F		
FLA 132 - 124 / 62				FLA 152/76		DE BEARING 6313				
CODE G		P.F. 0.79		CODE F		P.F. 0.80		ODE BEARING 6313		
EFF 94.1		MIN 93.0		EFF 92.5		MIN 91.4		LUB: Mobil Polyrex EM		
MOTOR WEIGHT 779 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										460V 

APPLICATIONS:

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