

PE365TC-50-6C

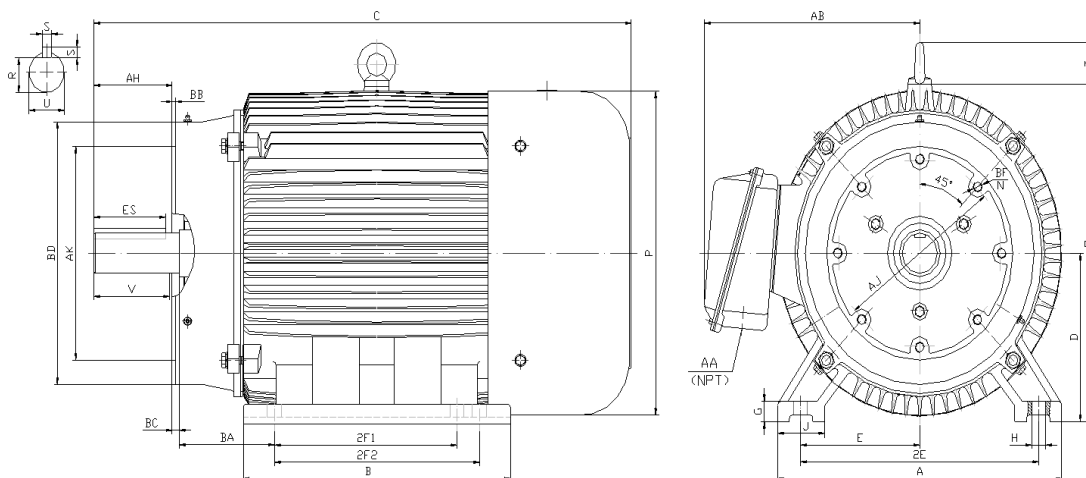
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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	365TC	17.10	15.40	33.50	9.00	1.15	0.66	2.95	7.00	14.00	11.25	12.25	18.50	18.40	2.60	5.88

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
5.62	11	12.50	0.25	0.25	14.00	8*5/8-11	2.375	5.62	2.021	0.625	4.28	NA	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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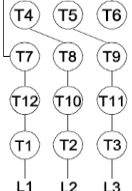
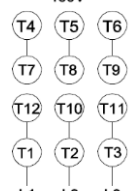
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
50	1187	365TC	208-230/460	60	1.15	F	C	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	753
62.0	362.0	94.1	94.2	93.8	93.0	0.790	0.760	0.670	222.6	200	260				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS							
CAT NO: PE365TC-50-6C										FRAME 365TC		PHASE 3		208-230V			
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 C							
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 753 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.