



PE365TC-75-4C

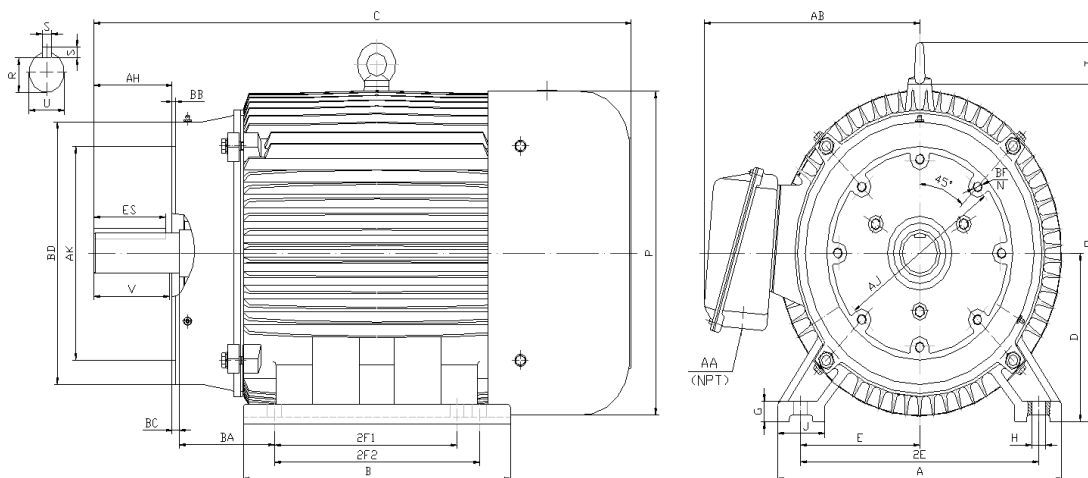
GENERAL PURPOSE ELECTRIC MOTOR

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
75	1800	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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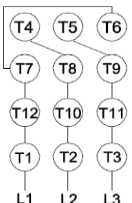
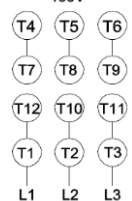
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
75	1780	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	833
87.0	542.0	95.4	95.5	95.5	94.5	0.850	0.820	0.750	221.95	200	250				

NAME PLATE

North American Electric, Inc. 										CONNECTION DIAGRAMS	
INVERTER DUTY 20:1 VT; 10:1 CT											
CAT NO: PE365TC-75-4C				FRAME 365TC				PHASE 3		208-230V	
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55	
HP 75		RPM 1780		HP 75		RPM 1480		DUTY CONT		DES C	
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C		INS F					
FLA 193 - 174 / 87		FLA 210/105		DE BEARING 6313							
CODE G		P.F. 0.85		CODE F		P.F. 0.86		ODE BEARING 6313			
EFF 95.4		MIN 94.5		EFF 94		MIN 93.1		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 833 LBS		CONNECTION 12 Lead 2Δ/Δ		SER NO							
General purpose use on industrial machinery installed in damp, dusty or dirty environments.											
Hernando, Mississippi											
										460V	
											
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.