

PE365TC-75-4

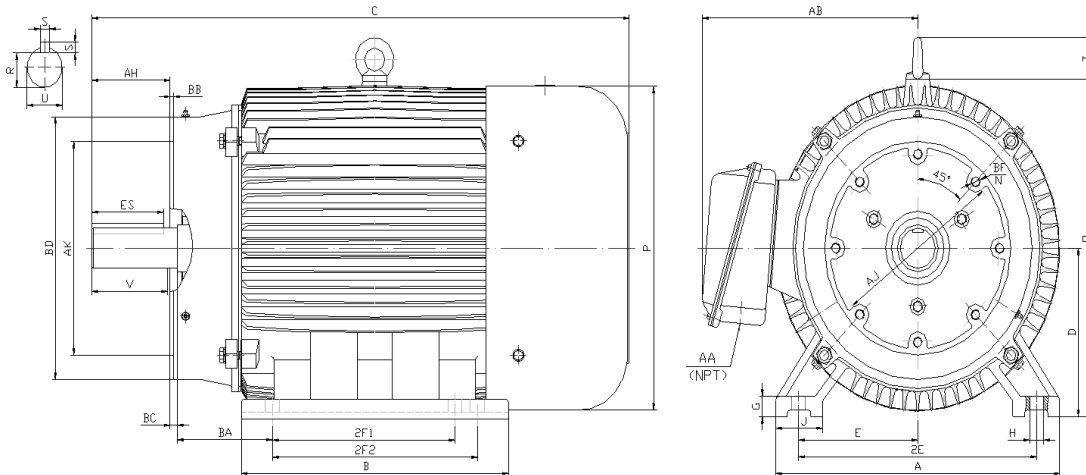
GENERAL PURPOSE ELECTRIC MOTOR

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	11.00	12.50	0.25	0.25	14.00	8*5/8-11	2.38	5.62	2.02	0.63	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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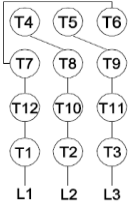
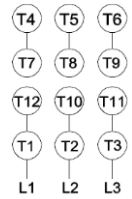



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PERFORMANCE DATA

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	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 %				
87.0	542.0	95.4	95.5	95.5	94.5	0.850	0.820	0.750	222.0	160	250	6313	6313	12 Lead 2Δ/Δ	881

NAME PLATE

 North American Electric, Inc.															CONNECTION DIAGRAMS 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO:		PE365TC-75-4				FRAME		365TC		PHASE		3					
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	B						
VOLTS		208-230/460				VOLTS		190/380		AMB		40° C		INS			
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		460V 					
MOTOR WEIGHT		881 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					

APPLICATIONS:

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