

PE365TSC-75-4

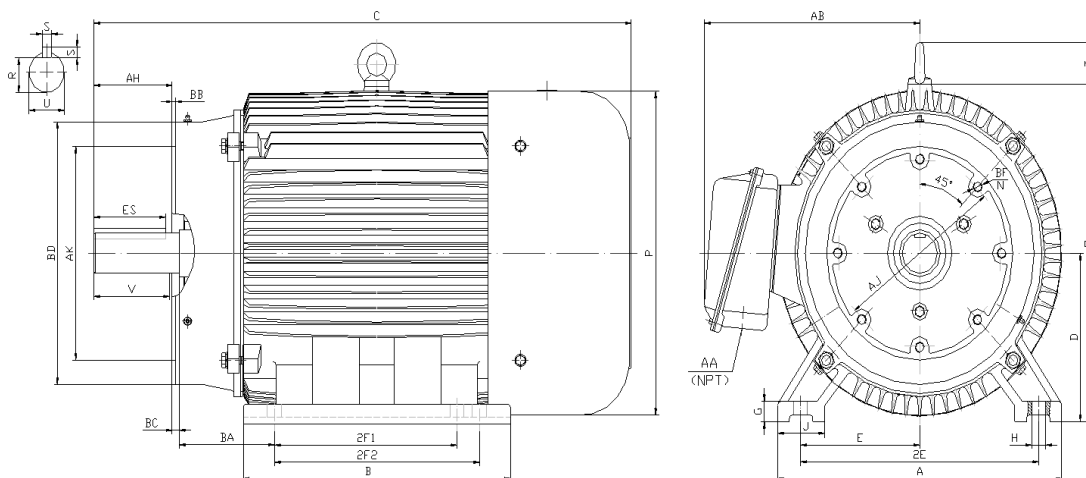
GENERAL PURPOSE ELECTRIC MOTOR

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	365TSC	17.10	15.40	31.40	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	
3.50	11.00	12.50	0.25	0.25	14.00	8*5/8-11	1.88	3.50	1.59	0.50	2.03	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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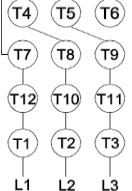
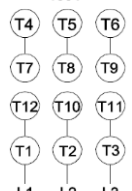
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PERFORMANCE DATA

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	365TSC	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	881
87.0	542.0	95.4	95.5	95.5	94.5	0.850	0.820	0.750	222.0	160	250				

NAME PLATE

 North American Electric, Inc.  INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS	
CAT NO: PE365TSC-75-4			FRAME 365TSC				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 B				
VOLTS 208-230-460			VOLTS 190/380		AMB 40° C		INS F				
FLA 193 - 174 / 87			FLA 210/105		DE BEARING 6313					460V 	
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 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.