

PE365TSC-75-2

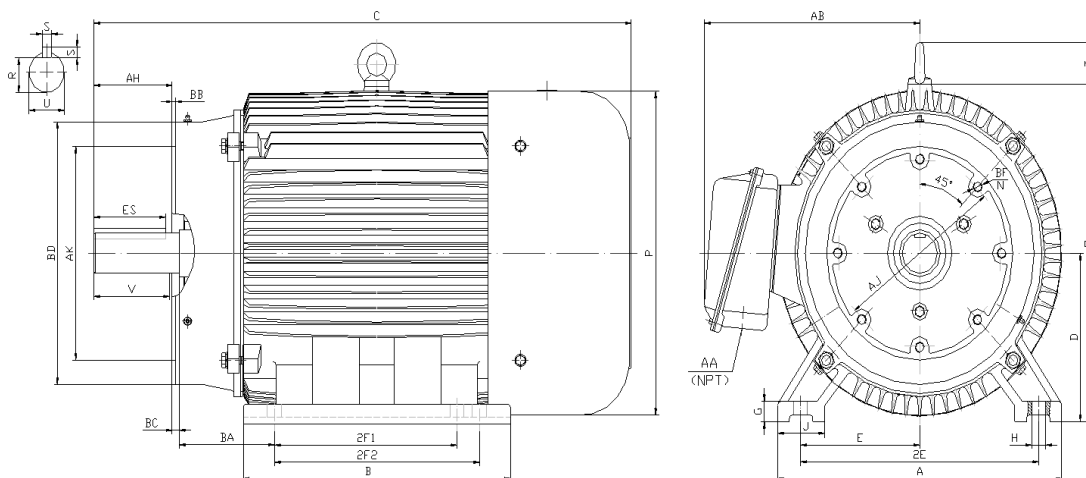
GENERAL PURPOSE ELECTRIC MOTOR

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	3600	365TSC	17.10	15.40	31.40	9.00	1.15	0.66	2.95	7.00	14.00	11.25	12.25	18.10	17.60	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	14.60	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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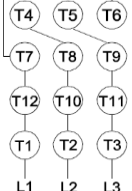
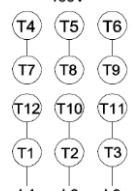
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
75	3565	365TSC	208-230/460	60	1.15	F	B	1.0	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	857
83.0	542.0	93.6	93.0	92.5	92.4	0.910	0.890	0.840	110.7	130	250				

NAME PLATE

North American Electric, Inc.  INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS					
CAT NO: PE365TSC-75-2										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 3565		HP 75		RPM 2960		DUTY CONT		DES B					
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F					
FLA 184 - 166 / 83				FLA 200/100				DE BEARING 6313							
CODE G		P.F. 0.91		CODE F		P.F. 0.92		ODE BEARING 6313							
EFF 93.6		MIN 92.4		EFF 92		MIN 90.8		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 857 LBS				CONNECTION 12 Lead 2Δ/Δ				SER NO							
General purpose use on industrial machinery installed in damp, dusty or dirty environments.										ISO9001 CERTIFIED		CE		CC 082A	
Hernando, Mississippi										SP US					
												460V			

APPLICATIONS:

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