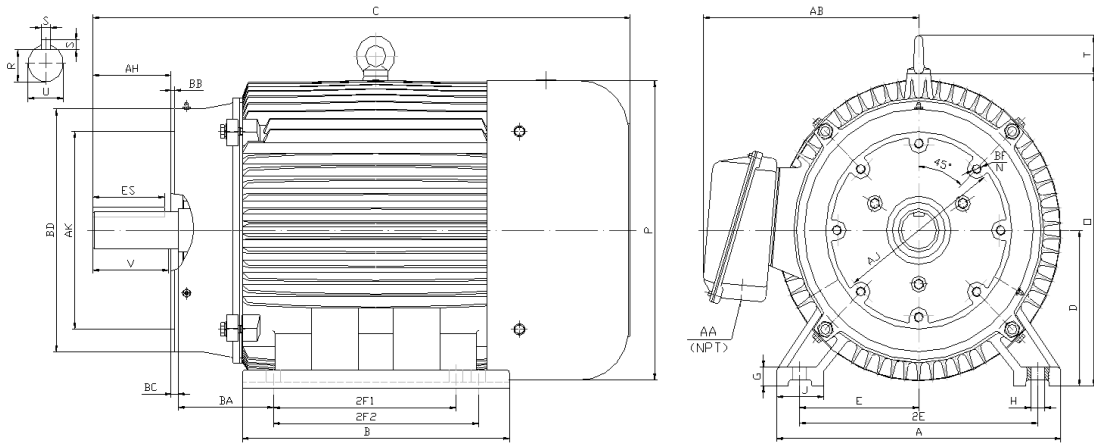




## PE365TSC-75-4-AI

**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	18.00	15.43	32.50	9.00	1.18	0.66	2.95	7.00	14.00	11.25	12.25	18.65	19.13	2.44	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	11.000	12.50	0.25	0.25	14.00	8*5/8-11	1.875	3.50	1.591	0.500	2.03	3.75	3.00	16.53	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





## PE365TSC-75-4-AI

**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**



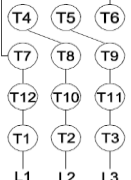
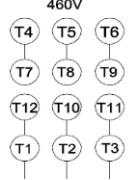



Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

### 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	840
83.0	542.0	95.4	94.9	94.5	94.5	0.900	0.905	0.850	222.0	195	260				

### NAME PLATE

										<b>AC INDUCTION MOTOR</b> INVERTER DUTY 20:1 VT; 10:1 CT																				<b>CONNECTION DIAGRAMS</b>																			
CAT NO: PE365TSC-75-4-AI										FRAME 365TSC										PHASE 3										<b>208-230V</b> 																			
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 183.6 - 166 / 83					FLA 198/99					DE BEARING 6313										ODE BEARING 6313																													
CODE G					P.F. 0.90					CODE H					P.F. 0.90					LUB: Mobil Polyrex EM																													
EFF 95.4					MIN 94.5					EFF 95.0					MIN 94.1					SER NO																													
MOTOR WEIGHT 840 LBS										CONNECTION 12 Lead 2Δ/Δ										SER NO																													
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi																																								<b>CC113B</b>									

### APPLICATIONS:

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