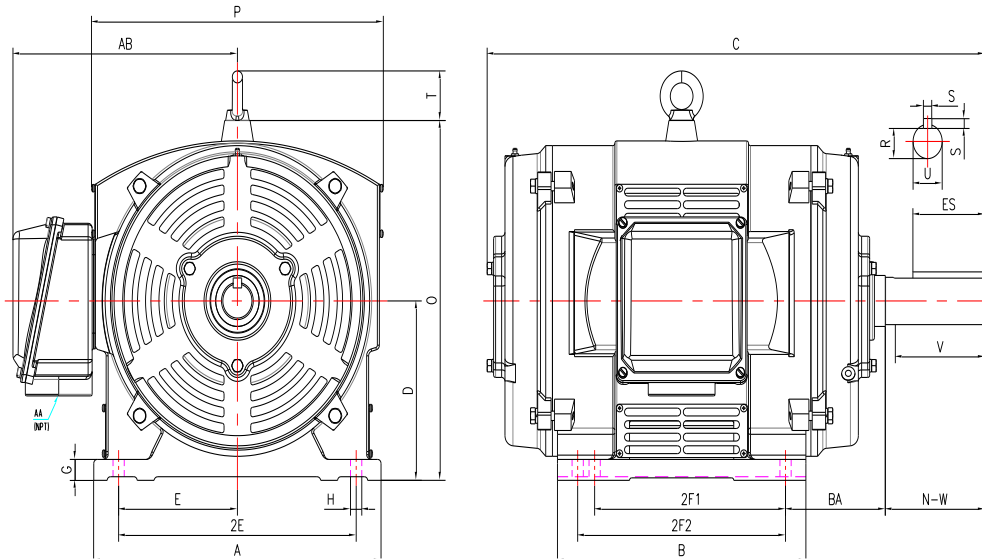


**PE365TS-75-4-ODP**

**GENERAL PURPOSE ELECTRIC MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**CAST IRON CONSTRUCTION - OPEN DRIP PROOF**  
**INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**



**DIMENSIONS**

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
75	1800	365TS	17.00	14.65	27.17	9.00	1.05	0.66	NA	7.00	14.00	11.25	12.25	18.10	17.20	2.60	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.88	3.50	1.59	0.50	2.03	3.75	3.00	12.40	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





## PE365TS-75-4-ODP

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

CAST IRON CONSTRUCTION - OPEN DRIP PROOF



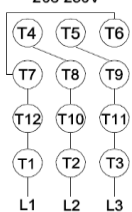
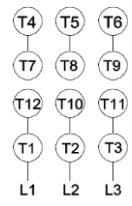



INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

### 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	365TS	208-230-460	60	1.15	F	B	1.11	G	ODP	23	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	95.0	95.0	94.5	94.1	0.85	0.82	0.75	222.0	170	250	6313	6313	12 Lead 2Δ/Δ	754

### NAME PLATE

 <b>North American Electric, Inc.</b>													<b>CONNECTION DIAGRAMS</b> <b>208-230V</b> 										
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>																							
CAT NO:		PE365TS-75-4-ODP				FRAME		365TS		PHASE		3		<b>460V</b> 									
HZ		60		S.F.		1.15		HZ		50		S.F.					1.0						
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		191 - 174 / 87				FLA				210/105				DE BEARING				6313					
CODE		G		P.F.		0.85		CODE		F		P.F.		0.86		ODE BEARING				6313			
EFF		95.0		MIN		94.1		EFF		93.8		MIN		92.6		LUB: Mobil Polyrex EM							
MOTOR WEIGHT		754		LBS		CONNECTION				12 Lead 2Δ/Δ				SER NO									
General purpose use on industrial machinery installed in environments with minimal dirt and moisture. Hernando, Mississippi																CC 082A							

### APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in environments with minimal dirt and moisture.