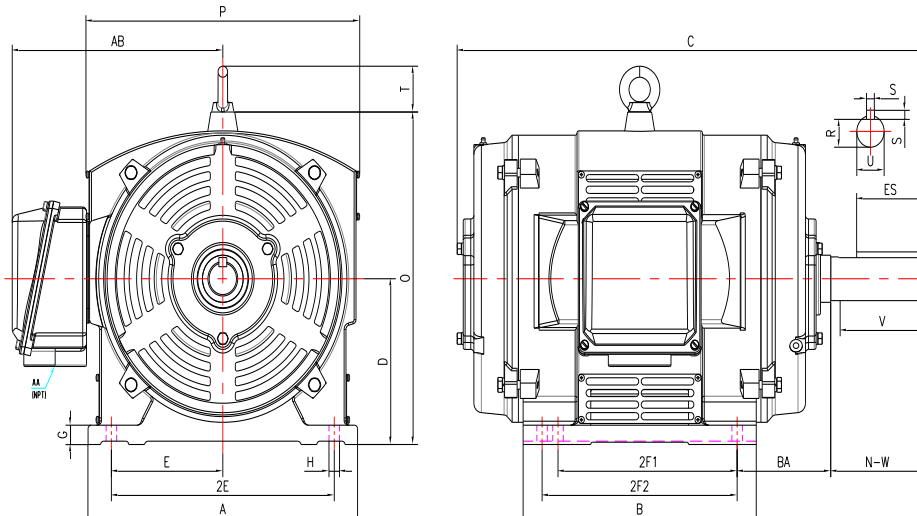


**PE445TS-250-2-ODP**

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
250	3600	445TS	22.30	20.80	34.75	11.00	1.15	0.81	NA	9.00	18.00	14.50	16.50	22.60	23.30	3.00	7.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.38	4.50	2.02	0.63	3.03	4.75	3.00	18.90	6314	6314	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





**PE445TS-250-2-ODP**



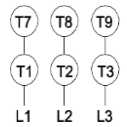
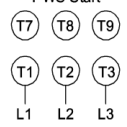
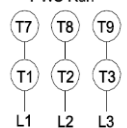



**GENERAL PURPOSE ELECTRIC MOTOR  
 NEMA PREMIUM EFFICIENCY  
 CAST IRON CONSTRUCTION - OPEN DRIP PROOF  
 INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**

**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
250	3575	445TS	460	60	1.15	F	B	0.69	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 %	6314	6314	6 Lead Δ	1603
270	1825	95.0	95.0	94.5	94.1	0.91	0.89	0.87	367.4	130	240				

**NAME PLATE**

 										<b>CONNECTION DIAGRAMS (460V)</b>					
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>										<b>Across The Line</b> 					
CAT NO:		PE445TS-250-2-ODP			FRAME		445TS		PHASE		3		<b>PWS Start</b> 		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	ODP	IP	23	<b>PWS Run</b> 			
HP	250	RPM	3575	HP	250	RPM	2980	DUTY	CONT	DES	B				
VOLTS		460			VOLTS		380		AMB	40° C		INS	F		
FLA		270.0			FLA		326		DE BEARING			6314			
CODE	G	P.F.	0.91	CODE	E	P.F.	0.92	ODE BEARING			6314				
EFF	95.0	MIN	94.1	EFF	93.5	MIN	92.6	LUB:			Mobil Polyrex EM				
MOTOR WEIGHT	1603	LBS	CONNECTION		6 Lead Δ			SER NO							
<small>General purpose use on industrial machinery installed in environments with minimal dirt and moisture.</small>    <span style="float: right;">CC 082A</span>															
<small>Hernando, Mississippi</small>															

**APPLICATIONS:**

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