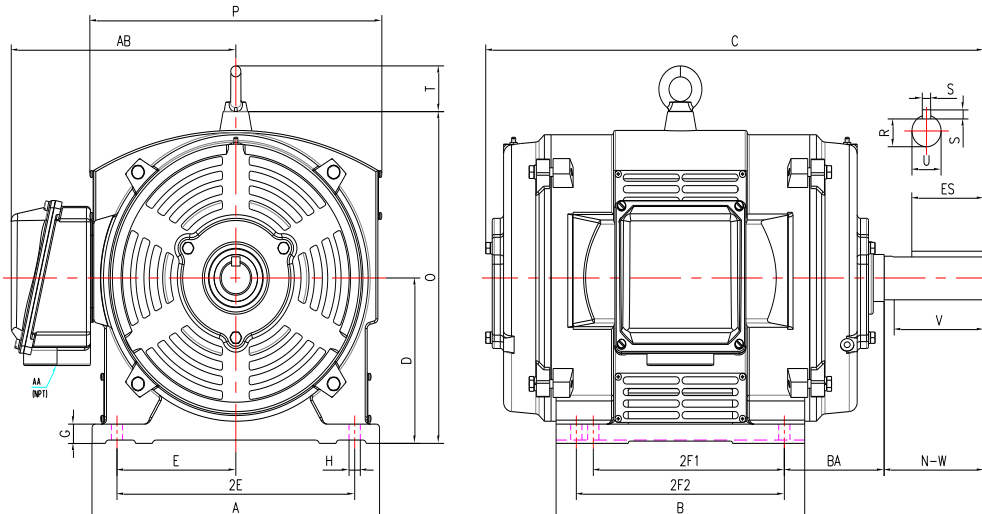


## PE254T-15-4-ODP

GENERAL PURPOSE ELECTRIC MOTOR  
 NEMA PREMIUM EFFICIENCY  
 OPEN DRIP PROOF  
 CAST IRON CONSTRUCTION  
 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
15	1800	254T	11.85	11.65	22.15	6.25	0.7	0.53	NA	5	10	8.25	10	13	12.9	2.2	4.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.625	3.75	1.416	0.375	2.91	4	1.25	9.4	6309	6309	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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**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
15	1765	254T	208-230/460	60	1.15	F	B	1.9	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%	100%	75%	50%	FLT	LRT %	BDT %				
18	116	93.0	92.5	92.0	0.84	0.79	0.70	44.9	170	260	6309	6309	12 Lead 2Δ/Δ	275

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS			
CAT NO.		PE254T-15-4-ODP				FRAME		254T		PHASE 3			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	ODP	IP	23		
HP	15	RPM	1765	HP	15	RPM	1460	DUTY CONT	DES	B			
VOLTS		208-230/460				VOLTS		190/380		AMB	40 °C	INS	F
AMPS		40 - 36 / 18		AMPS		45/23		DE BRG		6309			
CODE	G	P.F.	0.84	CODE	E	P.F.	0.83	ODE BRG		6309			
EFF	93.0	MIN	91.7	EFF	91.5	MIN	90.2	LUB: Mobil Polyrex EM					
MOTOR WEIGHT		275 LBS		CONNECTION			12 Lead 2Δ/Δ		SER NO				
General purpose use on industrial machinery installed in environments with minimal dirt and moisture. Hermando, Mississippi										CC082A			
<b>208-230V</b> 													
<b>460V</b> 													

### APPLICATIONS:

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