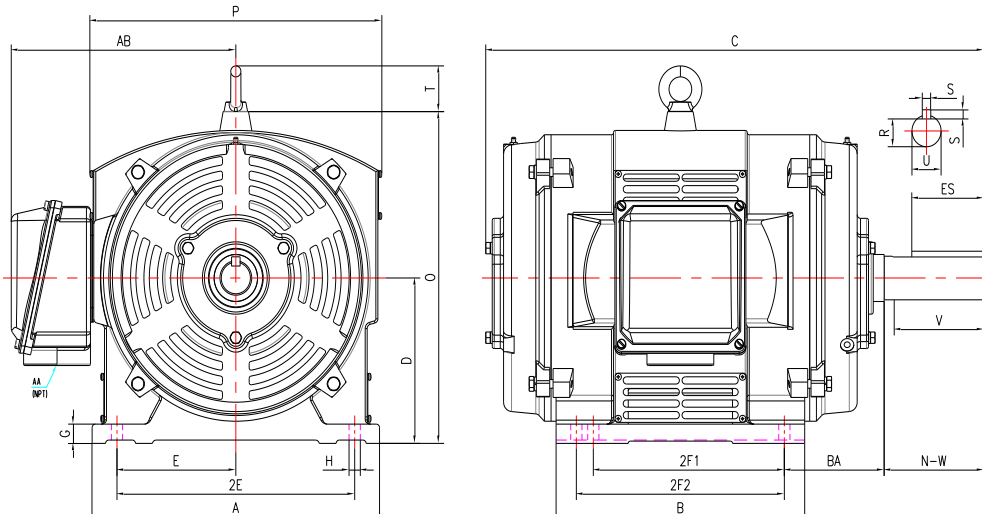


PE256T-25-2-ODP

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
25	3600	256T	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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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
25	3540	256T	208-230/460	60	1.15	F	B	1.7	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 %				
28.5	182	91.7	91.7	91.0	0.89	0.87	0.82	37.2	160	240	6309	6309	12 Lead 2Δ/Δ	282

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS			
CAT NO. PE256T-25-2-ODP		FRAME 256T			PHASE 3			208-230V 					
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL ODP	IP 23	HP 25	RPM 3540	HP 25	RPM 2930	DUTY CONT	DES B	460V 	
VOLTS 208-230/460		VOLTS 190/380			AMB 40 °C	INS F	AMPS 63 - 57 / 28.5		AMPS 69/34.5		DE BRG 6309		
CODE G	P.F. 0.89	CODE F	P.F. 0.91	ODE BRG 6309		EFF 91.7		MIN 90.2	EFF 90.0	MIN 88.5	LUB: Mobil Polyrex EM		
MOTOR WEIGHT 282 LBS		CONNECTION 12 Lead 2Δ/Δ			SER NO								
General purpose use on industrial machinery installed in environments with minimal dirt and moisture. Hernando, Mississippi								CC082A					

APPLICATIONS:

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