

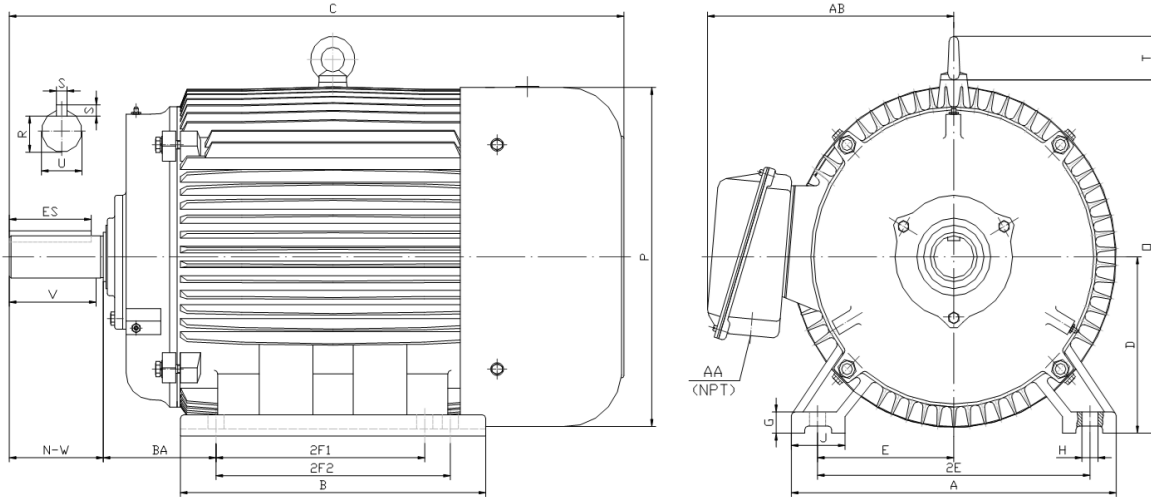


PE256T-20-4

GENERAL PURPOSE ELECTRIC MOTOR
NEMA PREMIUM EFFICIENCY
TOTALLY ENCLOSED FAN COOLED

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
20	1800	256T	13.00	12.20	25.00	6.25	0.70	0.53	2.75	5.00	10.00	8.25	10.00	13.20	12.80	2.20	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	4.00	1.25	10.30	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

ISO9001
CERTIFIED



NEMA
Premium



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411 N Platte Ave. York, NE. 68467

AC-DC MOTORS :: SALES & SERVICE
REWINDING :: CUSTOM CONTROL PANEL

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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
20	1760	256T	208-230/460	60	1.15	F	B	2.2	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 %				
24.2	145	93.0	93.2	93.0	91.7	0.830	0.780	0.670	59.8	160	260	6309	6309	12 Lead 2Δ/Δ	317

NAME PLATE

										CONNECTION DIAGRAMS 208-230V 											
CAT NO: PE256T-20-4				FRAME: 256T				PHASE: 3				460V 									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55											
HP 20		RPM 1760		HP 20		RPM 1460		DUTY CONT		DES B											
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C										INS F			
FLA 51.8 - 48.4 / 24.2		FLA 58/29				DE BEARING 6309															
CODE G		P.F. 0.83		CODE F		P.F. 0.85		ODE BEARING 6309													
EFF 93.0		MIN 91.7		EFF 91.5		MIN 90.2		LUB: Mobil Polyrex EM													
MOTOR WEIGHT 317 LBS				CONNECTION 12 Lead 2Δ/Δ				SER NO													
General purpose use on industrial machinery installed in damp, dusty or dirty environments.										CC082A											

APPLICATIONS:

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



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