

PE256TC-20-4-RB

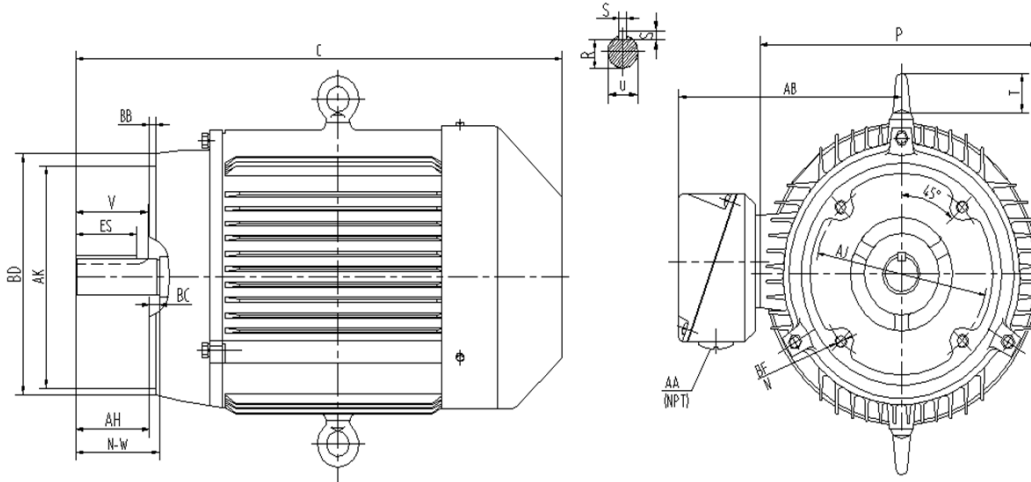
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE FOOTLESS

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									
			C	P	T	AK	AJ	AH	BA	BB	BC	BF
20	1800	256TC	24.80	14.02	2.125	8.500	7.25	3.75	4.25	0.25	0.25	4*1/2-13

Shaft Extension, Key Set					Conduit Box		Bearings		Mount
U	R	S	ES	N-W	AA	AB	DE	ODE	
1.625	1.416	0.375	2.91	4.00	1.25	12.00	6309	6309	F1

BEARING LUBRICATION: The bearings come lubricated with Mobile 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.) Mobile Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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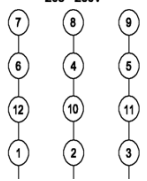



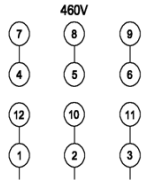
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
20	1750	256TC	208-230/460	60	1.15	F	B	2.8	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 %				
24.0	145.0	93.0	93.2	93.0	91.7	0.850	0.860	0.780	59.8	200	220	6309	6309	12 Lead 2Δ/Δ	350

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208 - 230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE256TC-20-4-RB			FRAME 256TC			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 20	RPM 1750	HP 20	RPM 1460	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C		INS F									
FLA 53.1 - 48 / 24		FLA 59.2/29.6		DE BEARING 6309											
CODE G	P.F. 0.85	CODE D	P.F. 0.85	ODE BEARING 6309											
EFF 93.0	MIN 91.7	EFF 91.7	MIN 90.2	LUB: Mobile Polyrex EM											
MOTOR WEIGHT 350 LBS		CONNECTION 12 Lead 2Δ/Δ		SER NO											
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										   CC113B			460V 		

APPLICATIONS:

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