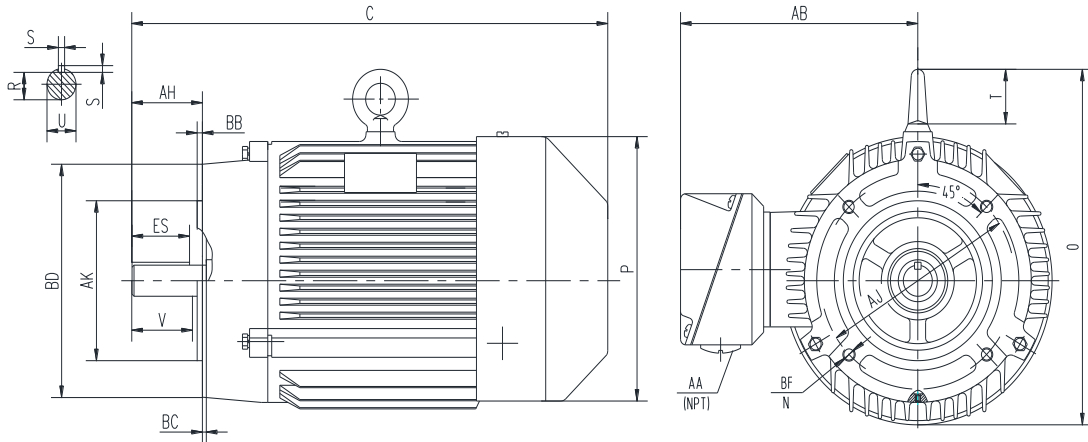




PE256TC-20-4-RB-AI

GENERAL PURPOSE ELECTRIC MOTOR
NEMA PREMIUM EFFICIENCY
THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET
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	256TC	NA	NA	25.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.02	2.05	NA

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.75	7.250	8.50	0.25	0.25	10.00	4*1/2-13	1.625	3.75	1.416	0.375	2.91	4.00	1.25	11.22	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





PE256TC-20-4-RB-AI

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31



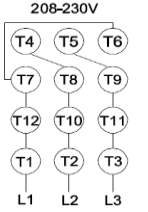
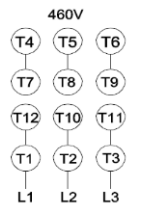



Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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 %	6309	6309	12 Lead 2Δ/Δ	350
24.0	145.0	93.0	93.2	93.0	91.7	0.850	0.860	0.780	59.8	200	220				

NAME PLATE

										AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO:		PE256TC-20-4-RB-AI			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	1470	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	H	P.F.	0.85	ODE BEARING			6309									
EFF	93.0	MIN	91.7	EFF	92.4	MIN	91.0	LUB:			Mobil 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	

APPLICATIONS:

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