

PE256TC-10-6C

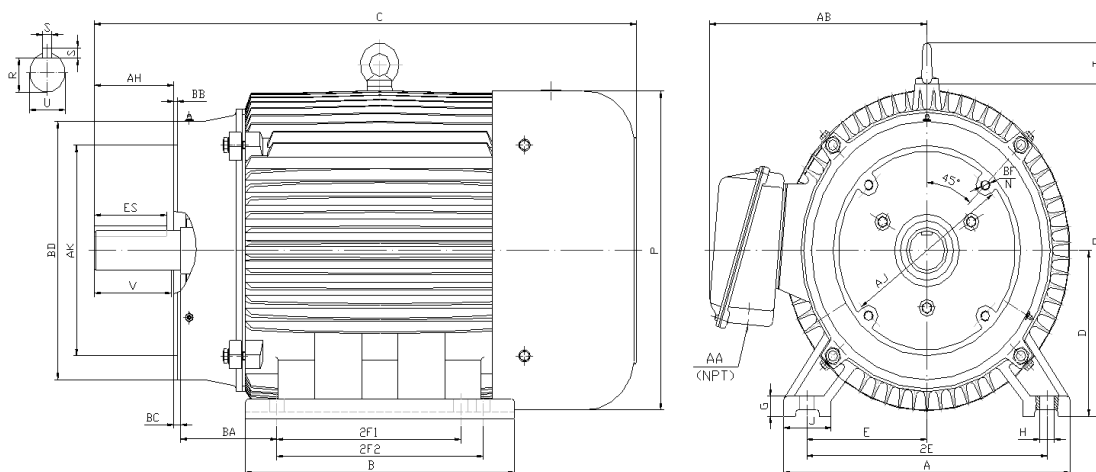
GENERAL PURPOSE ELECTRIC MOTOR

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
10	1200	256TC	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

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	7.25	8.50	0.25	0.25	10.00	4*1/2-13	1.625	3.75	1.416	0.375	2.91	NA	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



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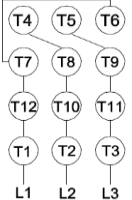
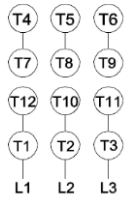
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	1180	256TC	208-230/460	60	1.15	F	C	1.7	H	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	270
12.8	81.0	91.0	91.0	90.4	89.5	0.750	0.700	0.570	44.9	230	310				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS 208-230V  460V 			
CAT NO:		PE256TC-10-6C			FRAME		256TC		PHASE		3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC		IP	55	
HP	10	RPM	1180	HP	10	RPM	978	DUTY	CONT		DES	C	
VOLTS		208-230/460			VOLTS		190/380		AMB		40° C	INS	F
FLA		27.2 - 25.6 / 12.8			FLA		32/16		DE BEARING			6309	
CODE		H	P.F.	0.75	CODE		F	P.F.	0.80		ODE BEARING		6309
EFF		91.0	MIN	89.5	EFF		89	MIN	87.5		LUB:		Mobil Polyrex EM
MOTOR WEIGHT		270		LBS	CONNECTION			12 Lead 2Δ/Δ			SER NO		
General purpose use on industrial machinery installed in damp, dusty or dirty environments.    CC 082A Hernando, Mississippi													

APPLICATIONS:

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