



PE284T-10-8C

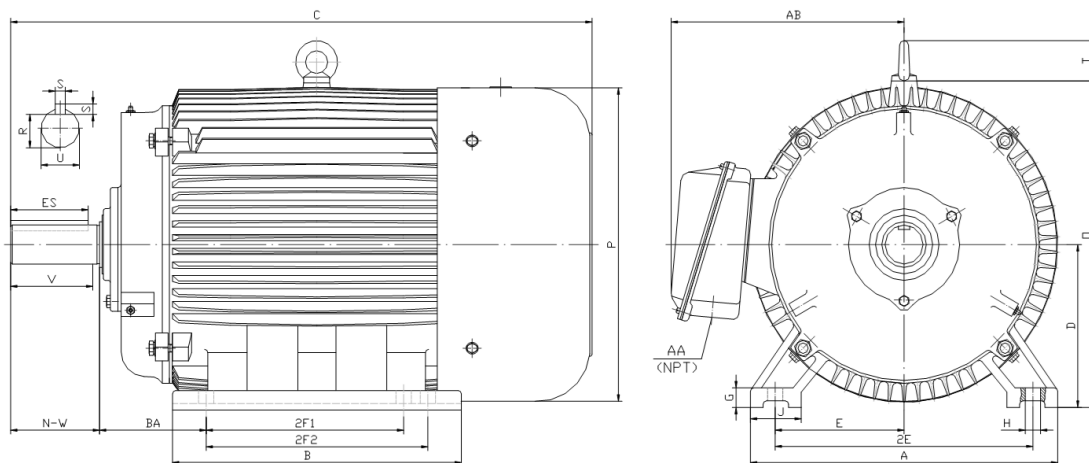
GENERAL PURPOSE ELECTRIC MOTOR

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
10	900	284T	14.00	11.70	26.60	7.00	0.85	0.53	2.75	5.50	11.00	9.50	0.00	14.50	14.00	2.20	4.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.875	4.38	1.591	0.500	3.28	4.62	1.50	11.30	6311	6311	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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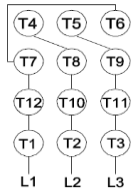
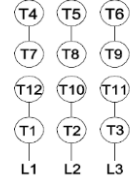
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	880	284T	208-230/460	60	1.15	F	C	2.2	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 %				
14.6	81	89.5	89.0	87.0	87.5		0.720	0.580	0.440	60.0	200	280	6311	6311	12 Lead 2Δ/Δ	306

NAME PLATE

 North American Electric, Inc. NEMA Premium INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS 208-230V 	
CAT NO: PE284T-10-8C			FRAME 284T			PHASE 3					
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55	
HP 10		RPM 880		HP 10		RPM 735		DUTY CONT		DES C	
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C		INS F			
FLA 32.2 - 29.2 / 14.6			FLA 35/17.5			DE BEARING 6311					
CODE H		P.F. 0.72		CODE F		P.F. 0.74		ODE BEARING 6311			
EFF 89.5		MIN 87.5		EFF 87.5		MIN 85.5		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 306 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											460V 

APPLICATIONS:

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