



PE215T-10-4-575V

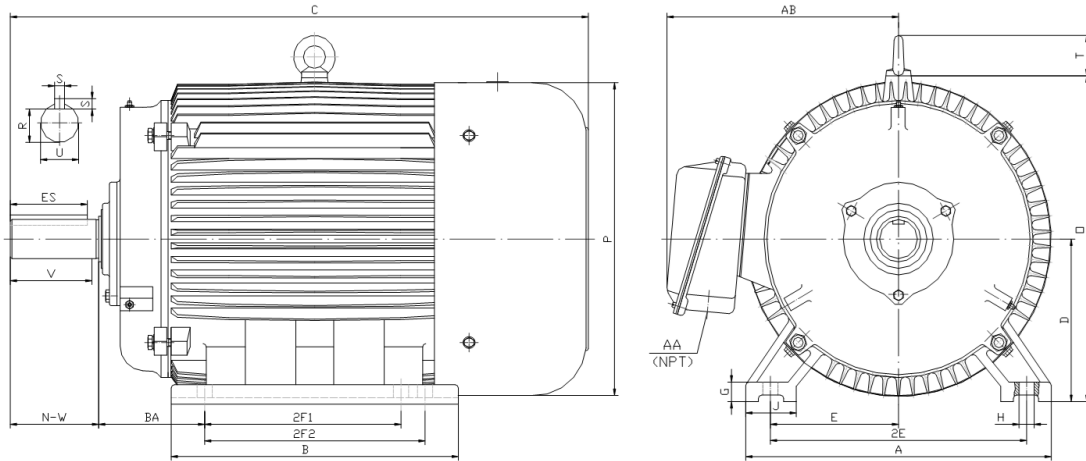
GENERAL PURPOSE ELECTRIC MOTOR

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	1800	215T	11.00	9.40	20.40	5.25	0.70	0.41	2.40	4.25	8.50	5.50	7.00	10.50	10.20	1.90	3.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.38	3.12	1.20	0.31	2.41	3.38	1.00	8.30	6308-ZZ	6308-ZZ	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





PE215T-10-4-575V

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

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

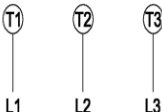
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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	1770	215T	575	60	1.15	F	B	1.7	H	TEFC	55	40° C

Amps (575V)		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 %	6308-ZZ	6308-ZZ	3 Lead Y	206
9.6	65.0	91.7	91.8	90.0	90.2	0.810	0.770	0.670	30.0	170	280				

NAME PLATE

North American Electric, Inc. NEMA Premium						CONNECTION DIAGRAM	
INVERTER DUTY 20:1 VT; 10:1 CT							
CAT NO: PE215T-10-4-575V		HP 10	Hz 60	PHASE 3		575 V Wye 	
VOLTS 575		FLA	9.6		IP RATING 55		
RPM 1770		POWER FACTOR 0.81		DESIGN B			
FRAME 215T		NEMA NOM EFF 91.7		CODE H			
DRIVE END BEARING 6308-ZZ		NEMA MIN EFF 90.2		S.F. 1.15			
OPP DRIVE END BEARING 6308-ZZ		MAX AMB 40° C		INS CLASS F			
ENCL TEFC		RATING CONT		SER			
MOTOR WEIGHT 206 LBS		CONNECTION 3 Lead Y		LUB: Mobil Polyrex EM			
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.