

PE213T-7.5-4-575V

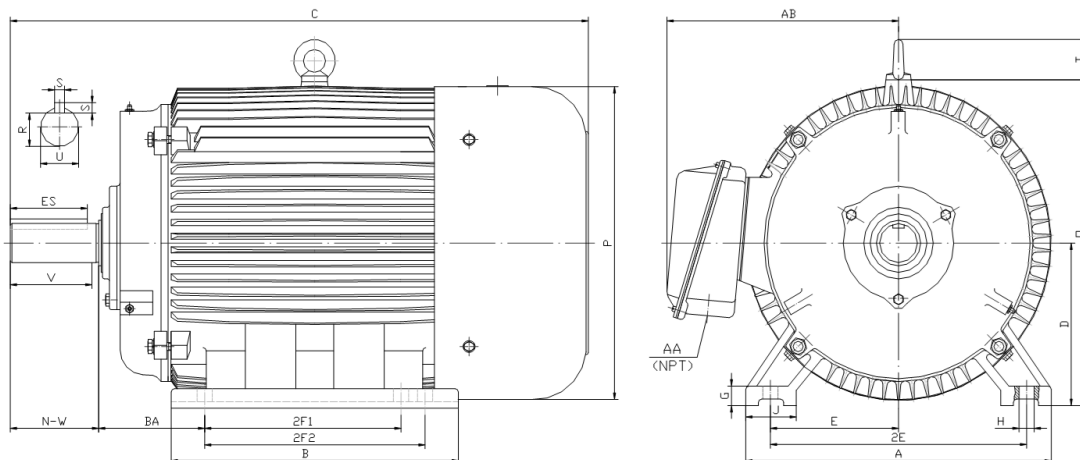
GENERAL PURPOSE ELECTRIC MOTOR

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
7.5	1800	213T	11.00	7.90	18.90	5.25	0.70	0.41	2.40	4.25	8.50	5.50	0.00	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.

ISO9001
CERTIFIED

CE

NEMA
Premium

CSA
C US



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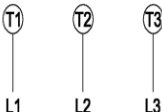
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
7.5	1770	213T	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	155
7.4	50.0	91.7	91.7	90.0	90.2	0.800	0.740	0.630	22.5	180	280				

NAME PLATE

North American Electric, Inc. NEMA Premium						CONNECTION DIAGRAM	
INVERTER DUTY 20:1 VT; 10:1 CT							
CAT NO: PE213T-7.5-4-575V		HP 7.5	Hz 60	PHASE 3	575 V Wye 		
VOLTS 575	FLA 7.4	IP RATING 55					
RPM 1770	POWER FACTOR 0.80		DESIGN B				
FRAME 213T	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 155 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.