



**PE213T-7.5-4**

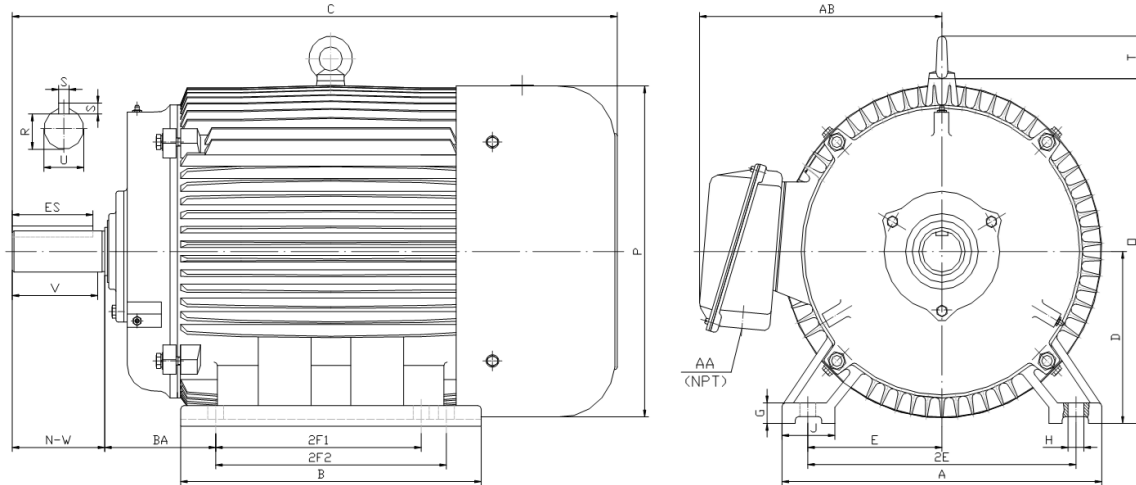
GENERAL PURPOSE ELECTRIC MOTOR

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	11.20	11.60	1.90	3.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.375	3.12	1.201	0.312	2.41	3.38	1.00	9.00	6308-ZZ	6308-ZZ	F1

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



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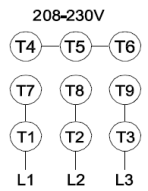
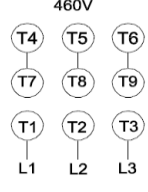



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### PERFORMANCE DATA

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	208-230/460	60	1.15	F	B	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 %				
9.2	63	91.7	91.7	90.0	90.2	0.800	0.740	0.630	22.5	180	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	155

### NAME PLATE

 <b>North American Electric, Inc.</b>													CONNECTION DIAGRAMS  208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE213T-7.5-4				FRAME 213T				PHASE 3				460V 			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55					
HP 7.5		RPM 1770		HP 7.5		RPM 1465		DUTY CONT		DES B					
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F					
FLA 19.8 - 18.4 / 9.2				FLA 23/11.5				DE BEARING 6308-ZZ							
CODE H		P.F. 0.80		CODE G		P.F. 0.83		ODE BEARING 6308-ZZ							
EFF 91.7		MIN 90.2		EFF 89.7		MIN 88.2		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 155 LBS			CONNECTION 9 Lead 2Y/Y				SER NO								
General purpose use on industrial machinery installed in damp, dusty or dirty environments.										   CC 082A					

### APPLICATIONS:

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



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