

PE213TC-7.5-4

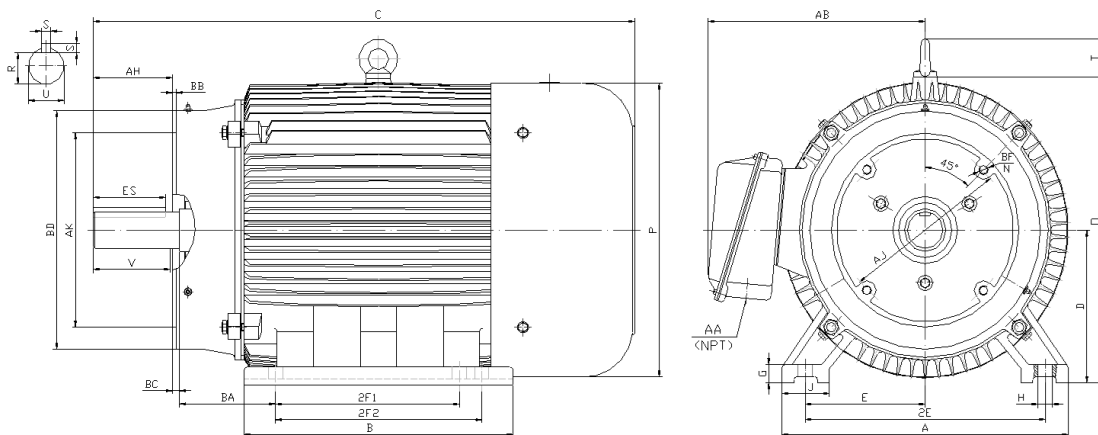
GENERAL PURPOSE ELECTRIC MOTOR

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
7.5	1800	213TC	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

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	
3.12	7.25	8.50	0.25	0.25	9.00	4*1/2-13	1.38	3.12	1.20	0.31	2.41	NA	1.00	8.30	6308-ZZ	6308-ZZ	F1

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





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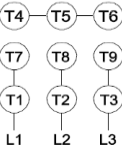
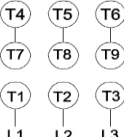
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PERFORMANCE DATA

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	213TC	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	63.0	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	159

NAME PLATE

 North American Electric, Inc.  INVERTER DUTY 20:1 VT; 10:1 CT												CONNECTION DIAGRAMS	
CAT NO: PE213TC-7.5-4				FRAME 213TC				PHASE 3				208-230V 	
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 159 LBS				CONNECTION 9 Lead 2Y/Y				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.