

PE213TC-7.5-2

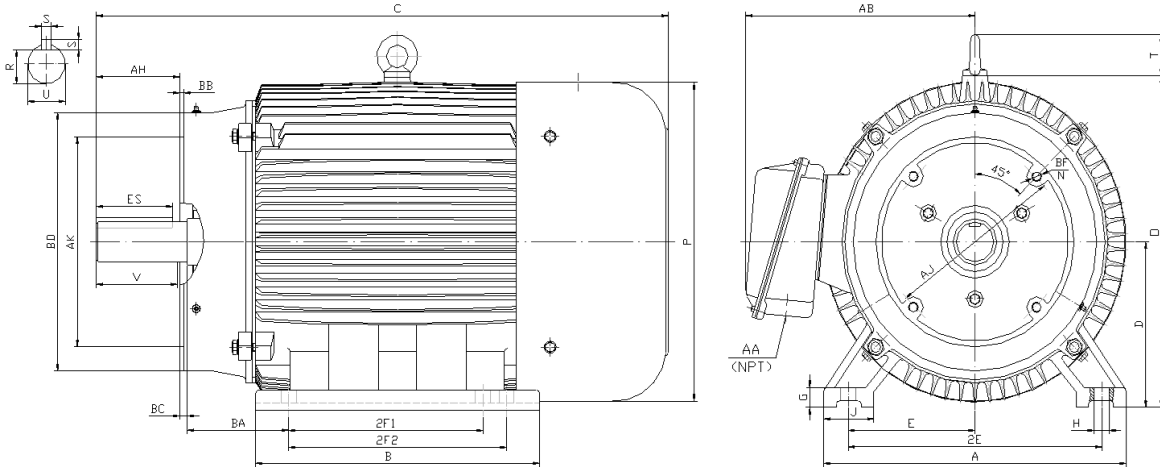
GENERAL PURPOSE ELECTRIC MOTOR

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	3600	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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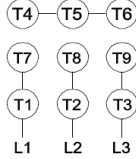



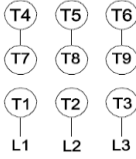
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PERFORMANCE DATA

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	3530	213TC	208-230/460	60	1.15	F	B	1.9	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 %				
8.8	63.0	89.5	88.5	86.0	87.5	0.900	0.870	0.810	11.2	160	290	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	154

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE213TC-7.5-2			FRAME 213TC			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 7.5	RPM 3530	HP 7.5	RPM 2920	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F										
FLA 18.8 - 17.6 / 8.8	FLA 21/10.5			DE BEARING 6308-ZZ											
CODE H	P.F. 0.90	CODE E	P.F. 0.92	ODE BEARING 6308-ZZ											
EFF 89.5	MIN 87.5	EFF 87.5	MIN 85.5	LUB: Mobil Polyrex EM											
MOTOR WEIGHT 154 LBS		CONNECTION 9 Lead 2Y/Y		SER NO											
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										   CC 082A					
										460V 					

APPLICATIONS:

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