



PE213TC-7.5-4C

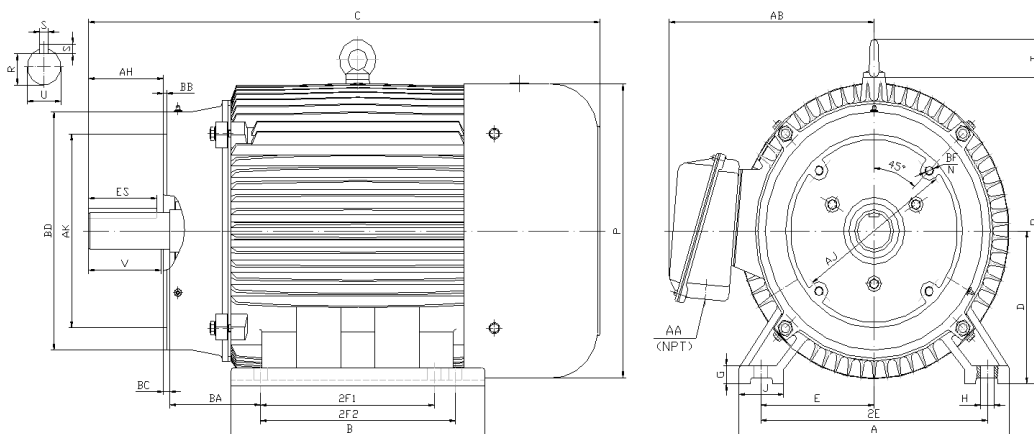
GENERAL PURPOSE ELECTRIC MOTOR

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	1.375	3.12	1.201	0.312	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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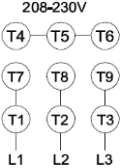
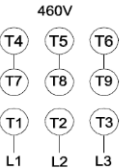
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PERFORMANCE DATA

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	C	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 %	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	162
9.2	63.0	91.7	91.7	90.0	90.2	0.800	0.740	0.630	22.51	250	290				

NAME PLATE

 North American Electric, Inc.																CONNECTION DIAGRAMS															
INVERTER DUTY 20:1 VT; 10:1 CT																															
CAT NO:				PE213TC-7.5-4C				FRAME				213TC				PHASE				3											
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		C									
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				162				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																															
																															

APPLICATIONS:

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