

PE215TC-10-4

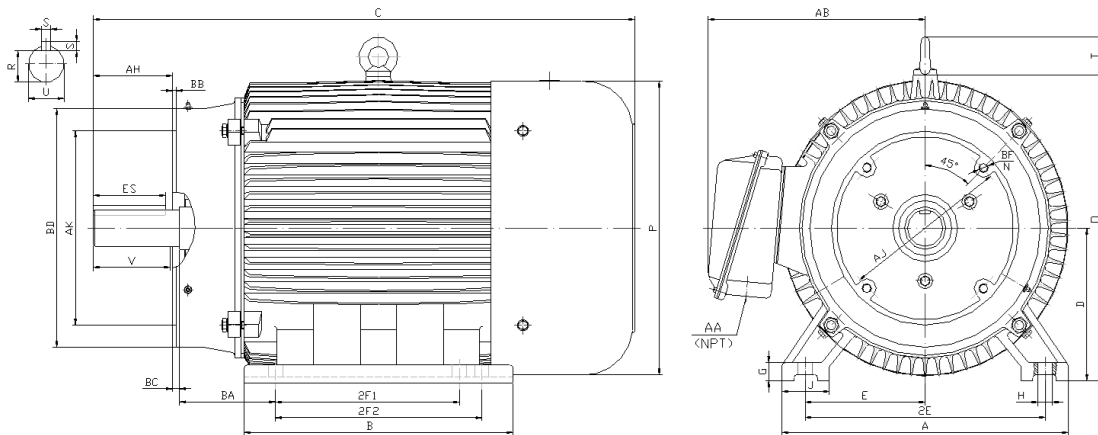
GENERAL PURPOSE ELECTRIC MOTOR

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
10	1800	215TC	11.00	9.40	20.40	5.25	0.70	0.41	2.40	4.25	8.50	5.50	7.00	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	6308ZZ	F1

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





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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
10	1770	215TC	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 %				
12.0	81.0	91.7	91.8	90.0	90.2	0.810	0.770	0.670	30.0	170	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	181

NAME PLATE

 North American Electric, Inc. NEMA Premium											CONNECTION DIAGRAMS	
INVERTER DUTY 20:1 VT; 10:1 CT											208-230V	
CAT NO:		PE215TC-10-4				FRAME		215TC		PHASE 3		T4 T5 T6
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55		T7 T8 T9
HP 10		RPM 1770		HP 10		RPM 1460		DUTY CONT		DES B		T1 T2 T3
VOLTS		208-230/460				VOLTS		190/380		AMB 40° C		L1 L2 L3
FLA		26 - 24 / 12				FLA		30/15		DE BEARING 6308-ZZ		
CODE H		P.F. 0.81		CODE F		P.F. 0.84		ODE BEARING		6308-ZZ		
EFF 91.7		MIN 90.2		EFF 89.7		MIN 88.2		LUB:		Mobil Polyrex EM		
MOTOR WEIGHT		181 LBS		CONNECTION 9 Lead 2Y/Y				SER NO				460V
General purpose use on industrial machinery installed in damp, dusty or dirty environments. ISO9001 CERTIFIED CE SP US CC 082A Hernando, Mississippi											T4 T5 T6	
											T7 T8 T9	
											T1 T2 T3	
											L1 L2 L3	

APPLICATIONS:

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