

PE215T-10-4

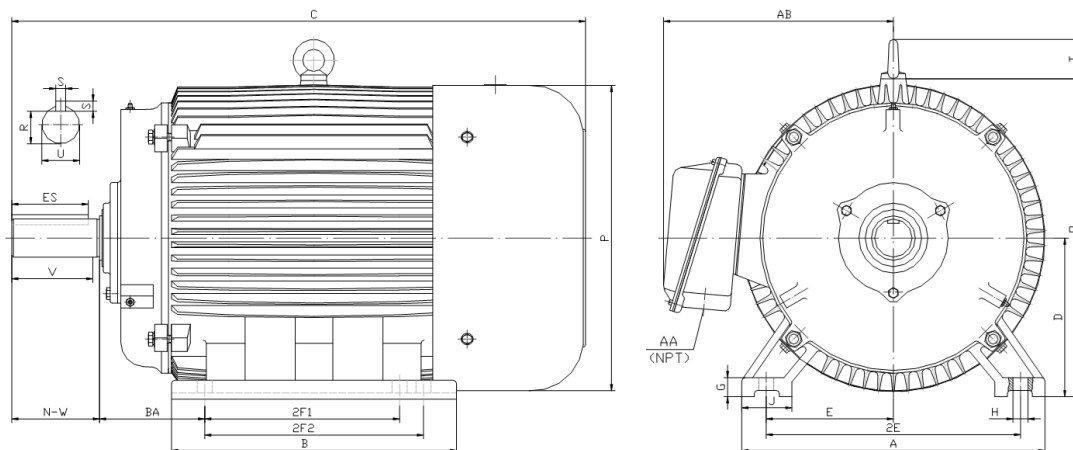
GENERAL PURPOSE ELECTRIC MOTOR

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
10	1800	215T	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

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	8.30	6308-ZZ	6308-ZZ	F1

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





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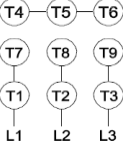
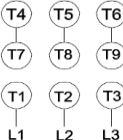
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	1770	215T	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	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	178

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS		
INVERTER DUTY 20:1 VT; 10:1 CT												
CAT NO: PE215T-10-4				FRAME 215T			PHASE 3			208-230V 		
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC IP 55				
HP 10		RPM 1770		HP 10		RPM 1460		DUTY CONT DES B				
VOLTS 208-230/460		VOLTS 190/380			AMB 40° C		INS F					
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			460V 	
EFF 91.7		MIN 90.2		EFF 89.7		MIN 88.2		LUB: Mobil Polyrex EM				
MOTOR WEIGHT 178 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.