

APE215T-10-4

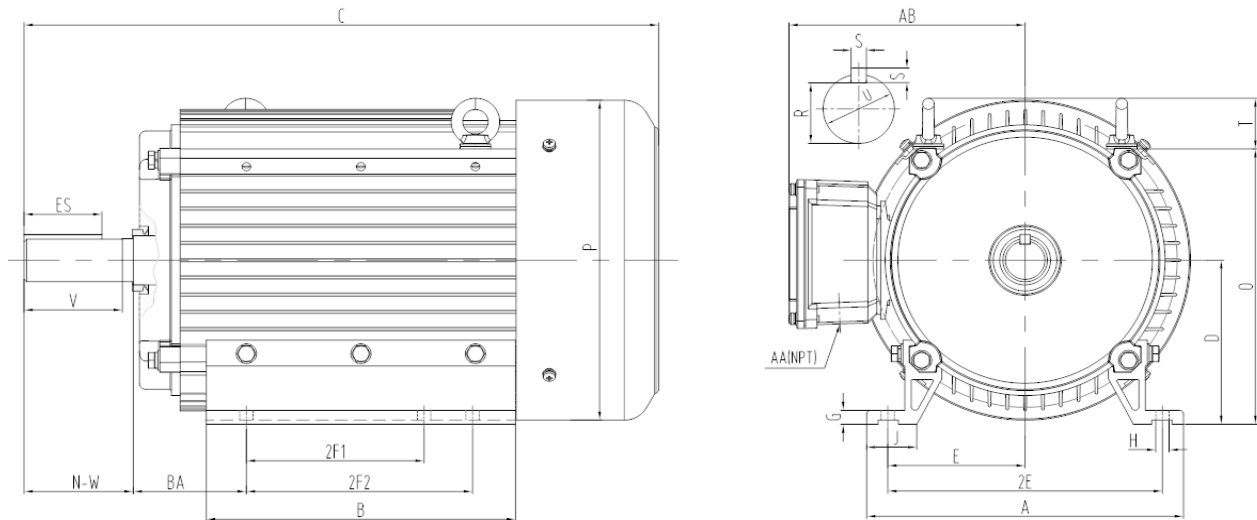
GENERAL PURPOSE ELECTRIC MOTOR

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	9.80	8.10	19.60	5.25	0.45	0.41	1.55	4.25	8.50	5.50	7.00	8.81	10.20	1.54	3.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.378	3.12	1.201	0.312	2.41	3.38	0.75	7.30	6208-ZZ	6208-ZZ	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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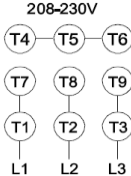
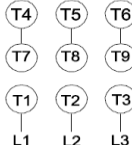
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PERFORMANCE DATA

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 %	6208-ZZ	6208-ZZ	9 Lead 2Y/Y	118
12.0	81	91.7	91.8	90.2	90.2	0.81	0.77	0.67	30.0	160	260				

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: APE215T-10-4				FRAME 215T				PHASE 3							
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		30.0/15.0		DE BEARING 6208-ZZ							
CODE H		P.F. 0.81		CODE F		P.F. 0.84		ODE BEARING 6208-ZZ							
EFF 91.7		MIN 90.2		EFF 89.7		MIN 88.2		LUB: Mobil Polyrex EM							
MOTOR WEIGHT		118 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.