

**APE213T-7.5-2**

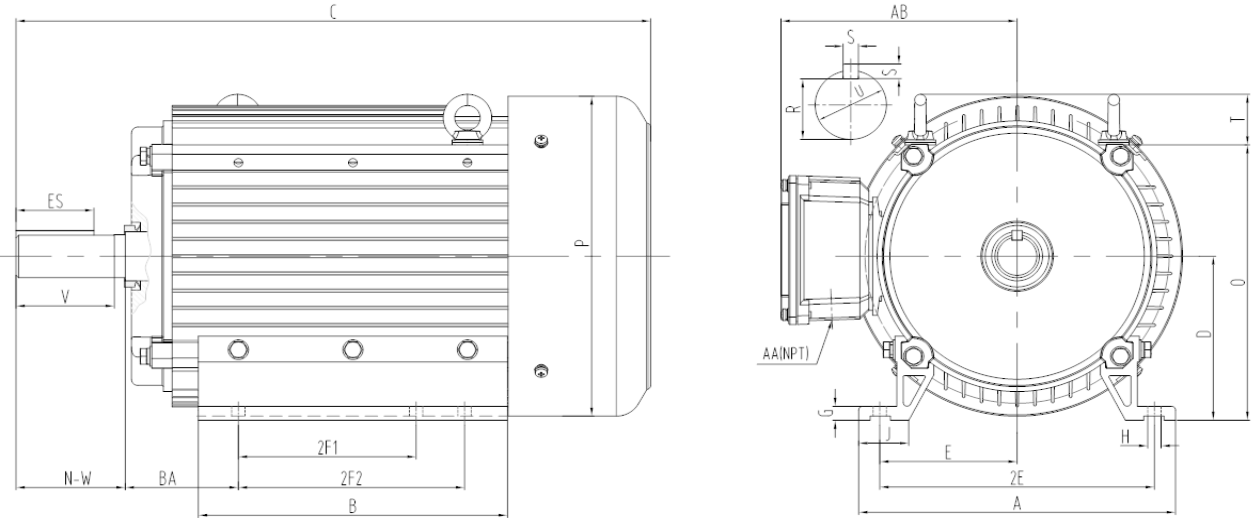
**GENERAL PURPOSE ELECTRIC MOTOR**

**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
7.5	3600	213T	9.80	8.10	18.20	5.25	0.45	0.41	1.55	4.25	8.50	5.50	NA	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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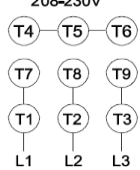
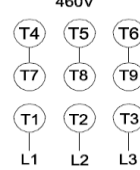



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### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
7.5	3530	213T	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 %	6208-ZZ	6208-ZZ	9 Lead 2Y/Y	105	
8.8	63	89.5	88.5	87.5	87.5	0.90	0.87	0.81	11.2	160	290					

### NAME PLATE

 <b>North American Electric, Inc.</b>															<b>CONNECTION DIAGRAMS</b>  <b>208-230V</b> 				
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>																			
CAT NO: APE213T-7.5-2					FRAME 213T					PHASE 3									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55		<b>460V</b> 							
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 21.0/10.5					DE BEARING 6208-ZZ												
CODE H		P.F. 0.90		CODE E		P.F. 0.92		ODE BEARING 6208-ZZ											
EFF 89.5		MIN 87.5		EFF 87.5		MIN 85.5		LUB: Mobil Polyrex EM											
MOTOR WEIGHT 105 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									

### APPLICATIONS:

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