

APE184T-5-4

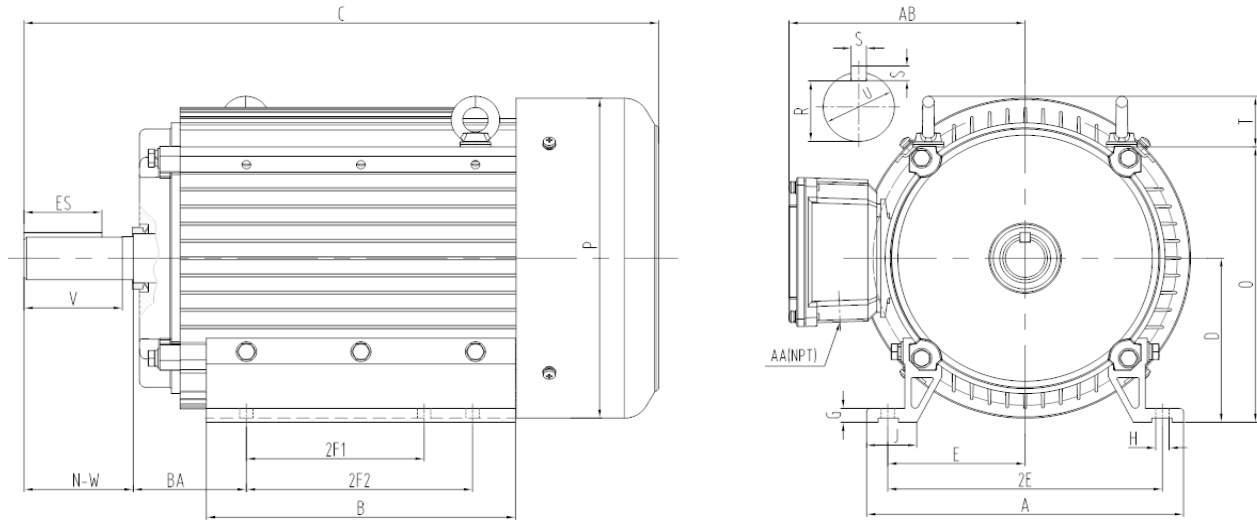
GENERAL PURPOSE ELECTRIC MOTOR

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
5	1800	184T	9.50	7.10	16.60	4.50	0.40	0.41	1.81	3.75	7.50	4.50	5.50	7.85	9.20	1.54	2.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.125	2.50	0.984	0.250	1.79	2.75	0.75	7.50	6206-ZZ	6206-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





APE184T-5-4

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

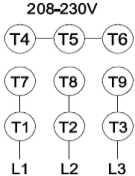
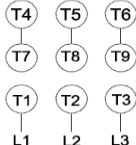
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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
5	1755	184T	208-230/460	60	1.15	F	B	2.5	J	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 %	6206-ZZ	6206-ZZ	9 Lead 2Y/Y	81
6.8	46	89.5	89.8	87.5	87.5	0.78	0.74	0.62	15.0	185	280				

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS				
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO: APE184T-5-4				FRAME 184T				PHASE 3									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC								IP 55	
HP 5		RPM 1755		HP 5		RPM 1440		DUTY CONT								DES B	
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C								INS F	
FLA 14-13.6/6.8				FLA 15.4/7.7				DE BEARING 6206-ZZ									
CODE J		P.F. 0.78		CODE H		P.F. 0.84		ODE BEARING 6206-ZZ									
EFF 89.5		MIN 87.5		EFF 87.5		MIN 85.5		LUB: Mobil Polyrex EM									
MOTOR WEIGHT 81 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.