

APE184T-5-2

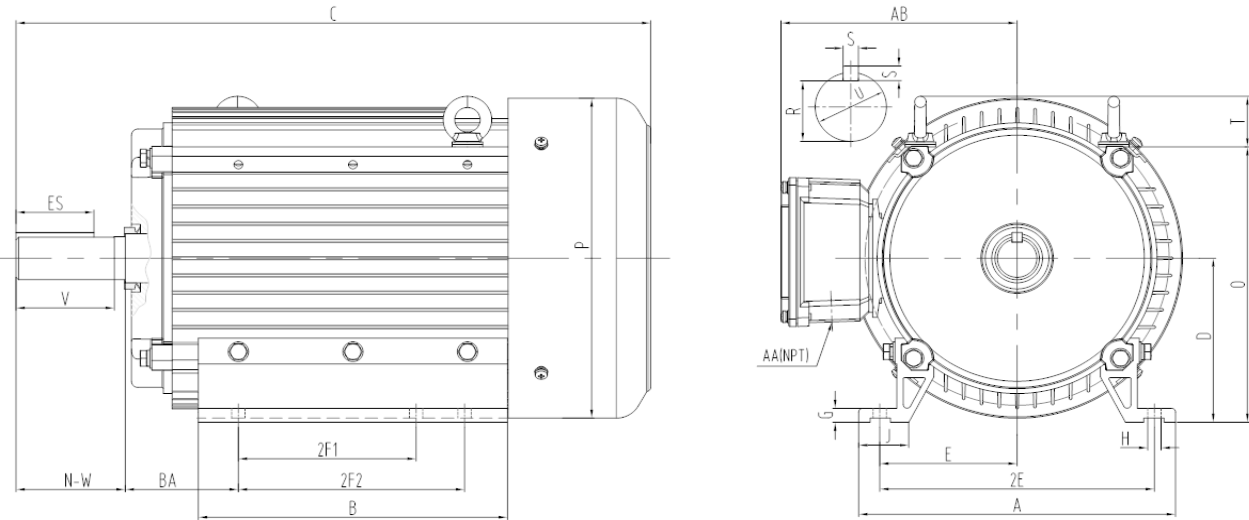
GENERAL PURPOSE ELECTRIC MOTOR

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
5	3600	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





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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
5	3515	184T	208-230/460	60	1.15	F	B	2.4	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 %				
5.8	46	88.5	88.0	86.5	86.5	0.90	0.85	0.75	7.5	170	285	6206-ZZ	6206-ZZ	9 Lead 2Y/Y	82

NAME PLATE

										<p>CONNECTION DIAGRAMS</p> <p>208-230V</p>					
CAT NO: APE184T-5-2			FRAME 184T			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 5	RPM 3515	HP 5	RPM 2900	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F										
FLA 13 - 11.6 / 5.8	FLA 14.0/7.0		DE BEARING 6206-ZZ												
CODE J	P.F. 0.90	CODE F	P.F. 0.92	ODE BEARING 6206-ZZ											
EFF 88.5	MIN 86.5	EFF 86.5	MIN 84.5	LUB: Mobil Polyrex EM											
MOTOR WEIGHT 82 LBS		CONNECTION 9 Lead 2Y/Y			SER NO										
<p>General purpose use on industrial machinery installed in damp, dusty or dirty environments.</p> <p>Hernando, Mississippi</p> <p>CC 082A</p>										<p>460V</p>					

APPLICATIONS:

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