



APE182T-3-4

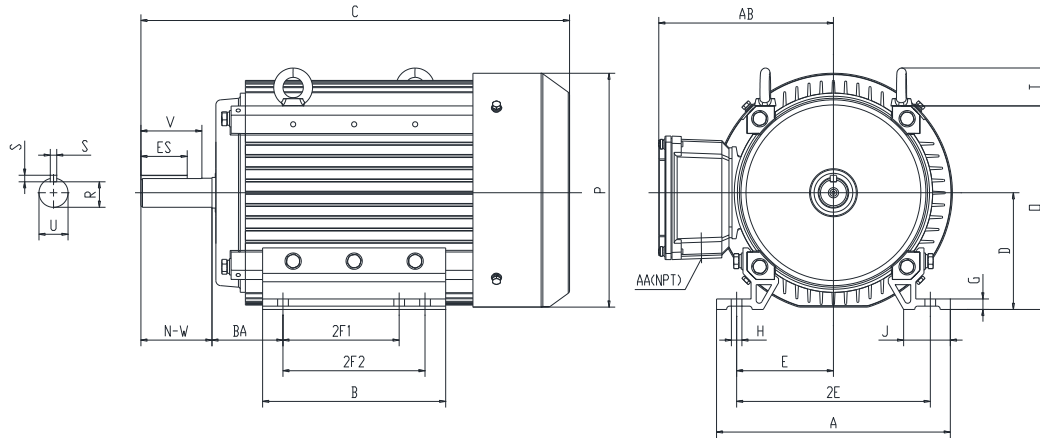
GENERAL PURPOSE ELECTRIC MOTOR

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
3	1800	182T	9.5	7.1	15.6	4.5	0.4	0.41	1.81	3.75	7.5	4.5	5.5	7.85	9.2	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	2.5	0.986	0.25	1.78	2.75	0.75	7.5	6206-ZZ	6206-ZZ	F1

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



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411 N Platte Ave. York, NE. 68467

**AC-DC MOTORS :: SALES & SERVICE
REWINDING :: CUSTOM CONTROL PANEL**

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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
3	1760	182T	208-230/460	60	1.15	F	B	2.2	K	TEFC	55	40 °C

Amps (460V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
3.8	32	89.5	89.1	87.5	0.77	0.70	0.58	9	200	300	6206-ZZ	6206-ZZ	9 Lead 2Y/Y	68

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS				
CAT NO.		APE182T-3-4				FRAME		182T		PHASE		3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55			
HP	3	RPM	1760	HP	3	RPM	1450	DUTY CONT	DES		B			
VOLTS		208-230/460				VOLTS		190/380		AMB	40 °C		INS	F
AMPS		8.2-7.6/3.8		AMPS		9.8/4.9		DE BRG		6206-ZZ				
CODE		K	P.F.	0.77	CODE		H	P.F.	0.80	ODE BRG		6206-ZZ		
EFF		89.5	MIN	87.5	EFF		87.0	MIN	85.0	LUB: Mobil Polyrex EM				
MOTOR WEIGHT		68		LBS	CONNECTION			9 Lead 2Y/Y		SER NO				
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										CC082A E310089				
												208-230V 		
												460V 		

APPLICATIONS:

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



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