

APE145T-1.5-4

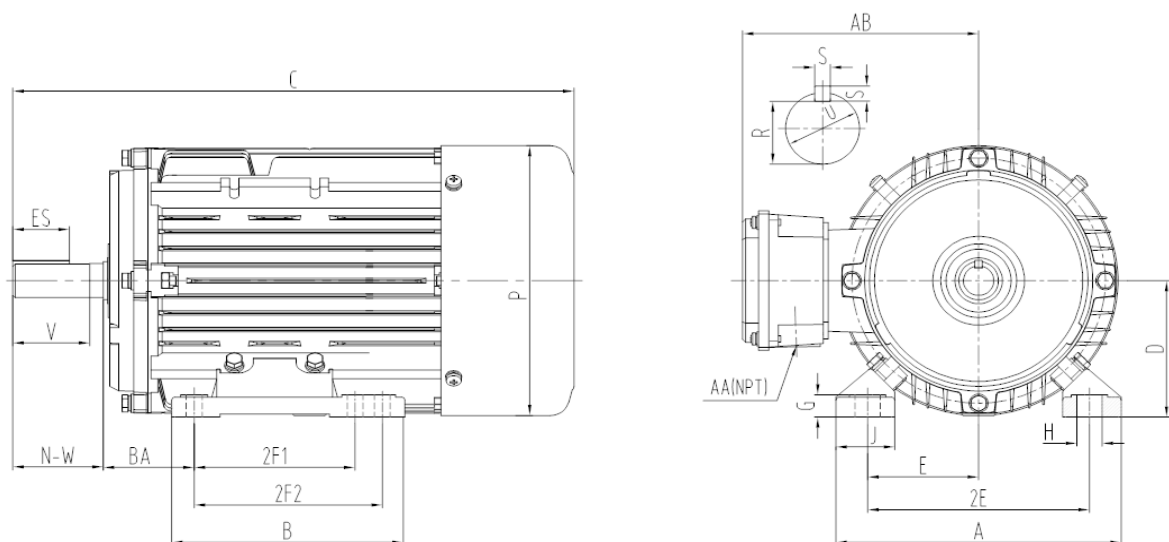
GENERAL PURPOSE ELECTRIC MOTOR

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
1.5	1800	145T	7.00	6.20	15.10	3.50	0.57	0.39	1.46	2.75	5.50	4.90	NA	NA	5.90	NA	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.875	2.00	0.771	0.188	1.41	2.25	0.75	5.87	6205-ZZ	6205-ZZ	F1

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



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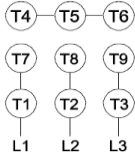
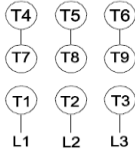
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
1.5	1750	145T	208-230/460	60	1.15	F	B	2.8	M	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 %	6205-ZZ	6205-ZZ	9 Lead 2Y/Y	39
2.2	20	86.5	86.0	84.0	84.0	0.70	0.62	0.48	4.5	250	330				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS	
INVERTER DUTY 20:1 VT; 10:1 CT											
CAT NO: APE145T-1.5-4				FRAME 145T				PHASE 3		208-230V 	
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC IP 55			
HP 1.5		RPM 1750		HP 1.5		RPM 1430		DUTY CONT DES B			
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C INS F			
FLA 4.7 - 4.4 / 2.2				FLA 5.4/2.7				DE BEARING 6205-ZZ			
CODE M		P.F. 0.70		CODE H		P.F. 0.75		ODE BEARING 6205-ZZ		460V 	
EFF 86.5		MIN 84.0		EFF 84		MIN 81.5		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 39 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.