

PE143T-1.5-2-575V

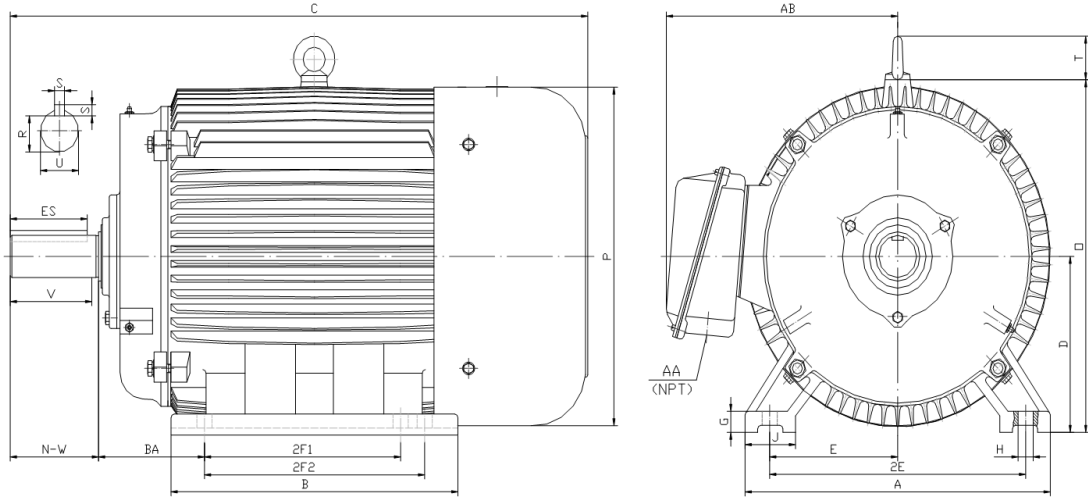
GENERAL PURPOSE ELECTRIC MOTOR

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	3600	143T	7.00	5.20	13.60	3.50	0.50	0.34	1.40	2.75	5.50	4.00	5.00	7.10	6.95	0.00	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.88	2.00	0.77	0.19	1.41	2.25	0.75	6.10	6205-ZZ	6205-ZZ	F1

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





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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	3520	143T	575	60	1.15	F	B	2.2	M	TEFC	55	40° C

Amps (575V)		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 %				
1.6	16.0	84.0	82.0	77.0	81.5	0.740	0.660	0.540	2.2	200	280	6205-ZZ	6205-ZZ	3 Lead Y	46

NAME PLATE

				CONNECTION DIAGRAM 575 V Wye 			
INVERTER DUTY 20:1 VT; 10:1 CT							
CAT NO:	PE143T-1.5-2-575V	HP	1.5	Hz	60	PHASE	3
VOLTS	575	FLA	1.6	IP RATING	55		
RPM	3520	POWER FACTOR	0.74	DESIGN	B		
FRAME	143T	NEMA NOM EFF	84.0	CODE	M		
DRIVE END BEARING	6205-ZZ	NEMA MIN EFF	81.5	S.F.	1.15		
OPP DRIVE END BEARING	6205-ZZ	MAX AMB	40° C	INS CLASS	F		
ENCL	TEFC	RATING	CONT	SER			
MOTOR WEIGHT	46 LBS	CONNECTION	3 Lead Y		LUB:	Mobil Polyrex EM	
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.