



PR145T1.5M4A

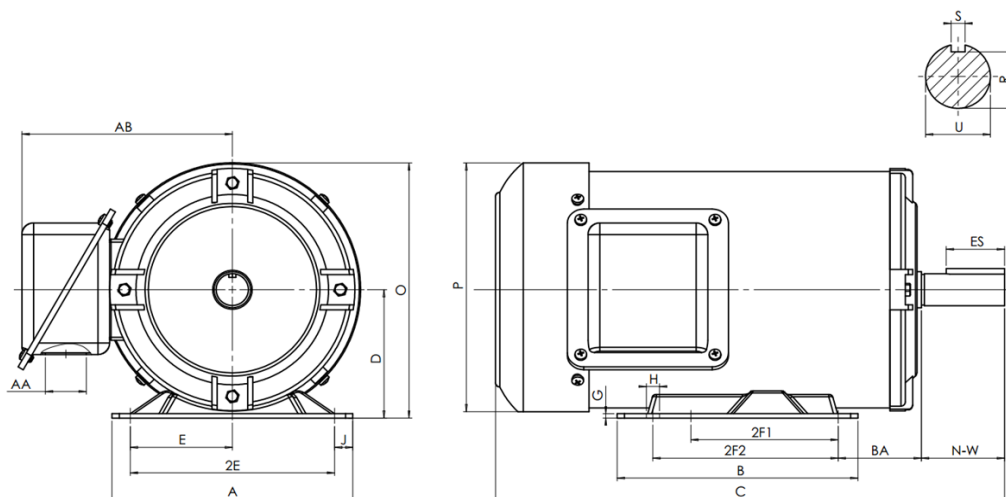
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

ROLLED STEEL CONSTRUCTION

INVERTER RATED (10:1 VT; 5:1 CT)



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
1.5	1800	145T	6.50	6.50	11.50	3.50	0.12	0.36	0.50	2.75	5.50	4.00	5.00	7.00	6.80	NA	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.875	NA	0.771	0.188	1.41	2.25	1.10	5.75	6205-2RZC3	6203-2RZC3	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	1750	145T	208-230/460	60	1.15	F	B	2.78	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%	100%	75%	50%	FLT	LRT %	BDT %				
2.21	15.5	86.5	87.4	84.8	0.76	0.68	0.56	4.53	324	433	6205-2RZC3	6203-2RZC3	9 Lead 2Y/Y	36

NAME PLATE

 									
3 PHASE AC INDUCTION MOTOR									
CAT NO.	PR145T1.5M4A			FRAME	145T	PH	3		
HZ	60	SF	1.15	ENCL	TEFC	IP	55		
HP	1.5	RPM	1750	DUTY	CONT	DES	B		
VOLTS	208-230/460			AMB	40 °C	INS	F		
FLA	4.8-4.4/2.2			DE.BRG	6205-2RZC3				
CODE	M	P.F	0.76	ODE.BRG	6203-2RZC3				
EFF	86.5	MIN	84	LBS	36				
CONNECTION	9 Lead 2Y/Y			SER NO					
Hernando, MS www.naemotors.com								CC 340B	

APPLICATIONS:

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