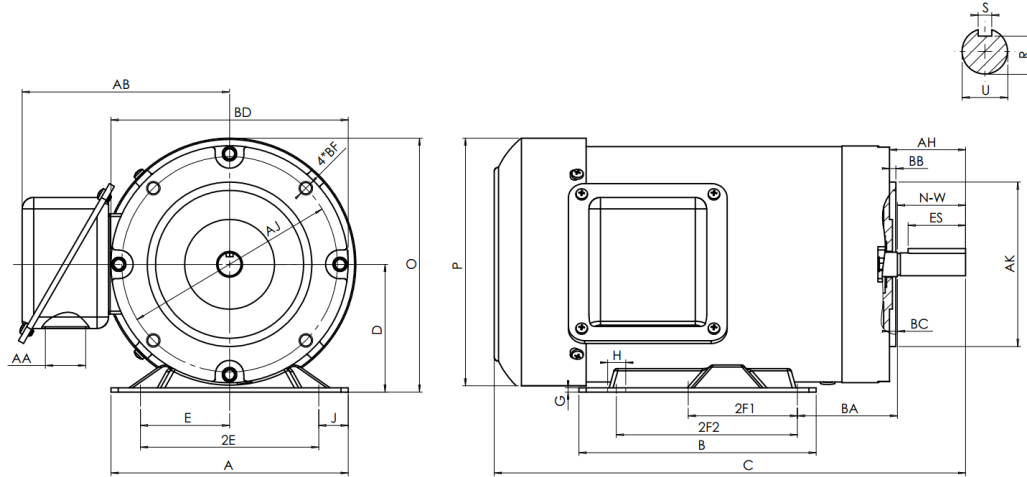


PR56C2M2A

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
2	3600	56C	6.30	4.00	10.70	3.50	0.12	0.35	0.81	2.44	4.88	3.00	NA	7.00	6.82	NA	2.75

FLANGE							Shaft Extension, Key Set						
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	
2.06	5.875	4.50	0.16	0.19	6.46	3/8-16UNC	0.625	NA	0.517	0.188	1.41	1.88	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1.10	5.75	6203-2RZC3	6203-2RZC3	F1

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





PR56C2M2A



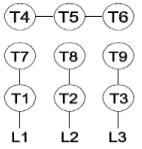
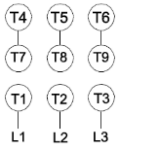




GENERAL PURPOSE ELECTRIC MOTOR
NEMA PREMIUM EFFICIENCY
TOTALLY ENCLOSED FAN COOLED
ROLLED STEEL CONSTRUCTION
INVERTER RATED (10:1 VT; 5:1 CT)

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
2	3500	56C	208-230/460	60	1.15	F	B	2.8	M	TEFC	IP55	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 %				
2.5	21.2	85.5	86.2	84	0.87	0.82	0.74	3.03	388	419	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	28

NAME PLATE

 <div style="float: right; text-align: center;">  </div> <p style="text-align: center;">THREE PHASE ELECTRIC MOTOR</p>													
MODEL	HP	2	RPM	3500	FRAME	56C							
PR56C2M2A	ENCL	TEFC	HZ	60	PHASE	3							
VOLT	208-230/460	AMPS	5.4-5.0/2.5	S.F.	1.15	DESIGN	B						
S.F. AMPS	6.2-5.8/2.9	CLASS	F	CODE	M	LBS	28						
DE BEARING	6203-2RZC3		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>208-230V</p>  </div> <div style="text-align: center;"> <p>460V</p>  </div> </div>										
ODE BEARING	6203-2RZC3												
RATING	CONT	MAX AMB.	40°C										
SER													
Hernando, MS www.naemotors.com												CC 0998	

APPLICATIONS:

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