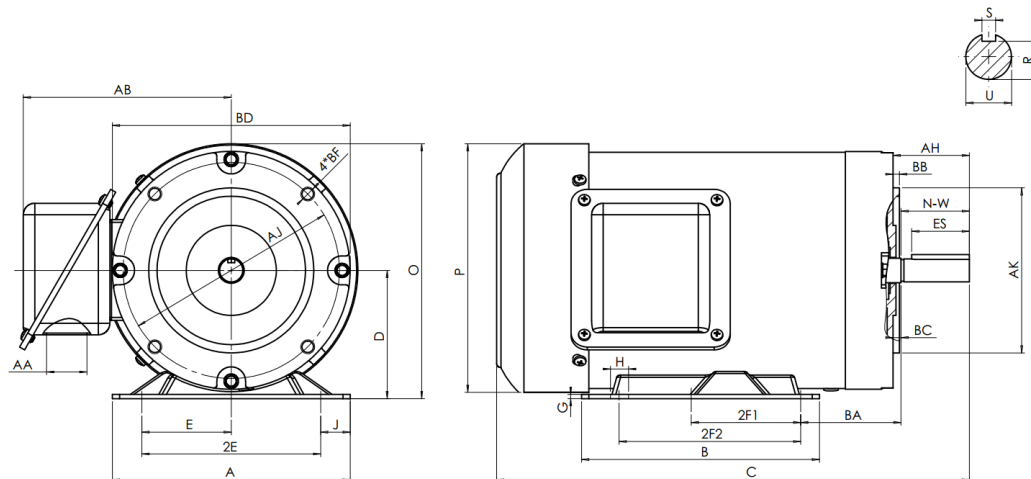


PR56C1M2A-575V

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	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.





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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	3510	56C	575	60	1.15	F	B	2.5	N	TEFC	55	40°C

Amps (575V)			Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA		100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
/	9.9		78.1	78.5	72.7	0.82	0.76	0.66	1.51	384	439	6203-2RZC3	6203-2RZC3	3 Lead Y	21

NAME PLATE									
3 PHASE AC INDUCTION MOTOR									
CAT NO.		PR56C1M2A-575V			FRAME	56C	PH	3	
HZ	60	SF	1.15		ENCL	TEFC	IP	55	
HP	1	RPM	3510		DUTY	CONT	DES	B	
VOLTS		575			AMB	40 °C	INS	F	
FLA		1.1			DE.BRG		6203-2RZC3		
CODE	N	P.F	0.82		ODE.BRG		6203-2RZC3		
EFF	78.1	MIN	74		LBS		21		
CONNECTION		3 Lead Y			SER NO				
Hernando, MS www.naemotors.com									CC 340B

575 V Wye

L1

L2

L3

APPLICATIONS:

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