

PR56CH3M2A

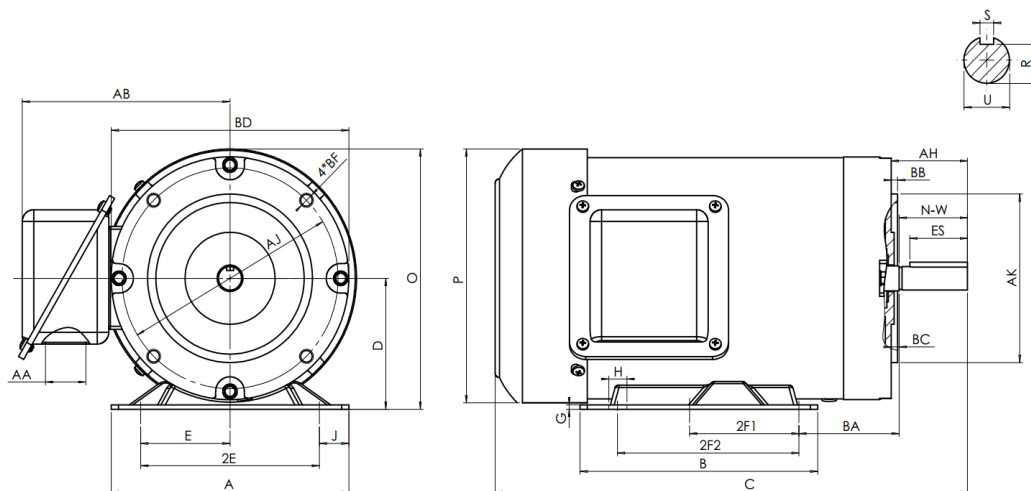
GENERAL PURPOSE ELECTRIC MOTOR

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
3	3600	56C H	6.50	4.00	13.66	3.50	0.12	0.35	0.81	2.44	4.88	3.00	5	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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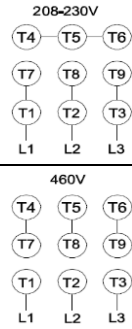
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
3	3510	56C H	208-230/460	60	1.15	F	B	2.5	L	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 %				
3.54	34.6	86.5	86.8	84.4	0.84	0.78	0.67	4.52	307	418	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	41

NAME PLATE

 North American Electric, Inc.																								
3 PHASE AC INDUCTION MOTOR																								
CAT NO.				PR56CH3M2A				FRAME		56C H		PH		3										
HZ		60		SF		1.15		ENCL		TEFC		IP		55										
HP		3		RPM		3510		DUTY		CONT		DES		B										
VOLTS				208-230/460				AMB		40 °C		INS		F										
FLA				8.2-7.6/3.8				DE.BRG				6203-2RZC3												
CODE		L		P.F		0.84		ODE.BRG				6203-2RZC3												
EFF		86.5		MIN		84		LBS				41												
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.