

PR56CH3M2A-575V

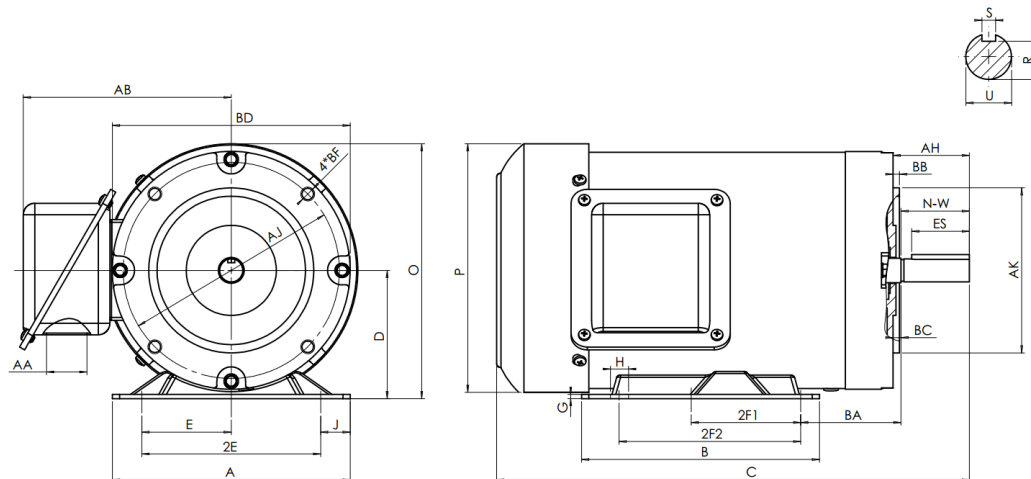
GENERAL PURPOSE ELECTRIC MOTOR

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
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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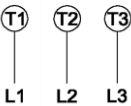
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PERFORMANCE DATA

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	575	60	1.15	F	B	2.5	L	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 %	6203-2RZC3	6203-2RZC3	3 Lead Y	42
/	28.2	86.5	87.6	85.2	0.82	0.76	0.64	4.50	293	384				

NAME PLATE

 North American Electric, Inc.														
3 PHASE AC INDUCTION MOTOR														
CAT NO. PR56CH3M2A-575V				FRAME 56C H		PH 3		575 V Wye 						
HZ 60		SF 1.15		ENCL TEFC		IP 55								
HP 3		RPM 3510		DUTY CONT		DES B								
VOLTS 575				AMB 40 °C		INS F								
FLA 2.9				DE.BRG		6203-2RZC3								
CODE L		P.F 0.82		ODE.BRG		6203-2RZC3								
EFF 86.5		MIN 84		LBS		42								
CONNECTION 3 Lead 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.