

PR56CH2M4A-575V

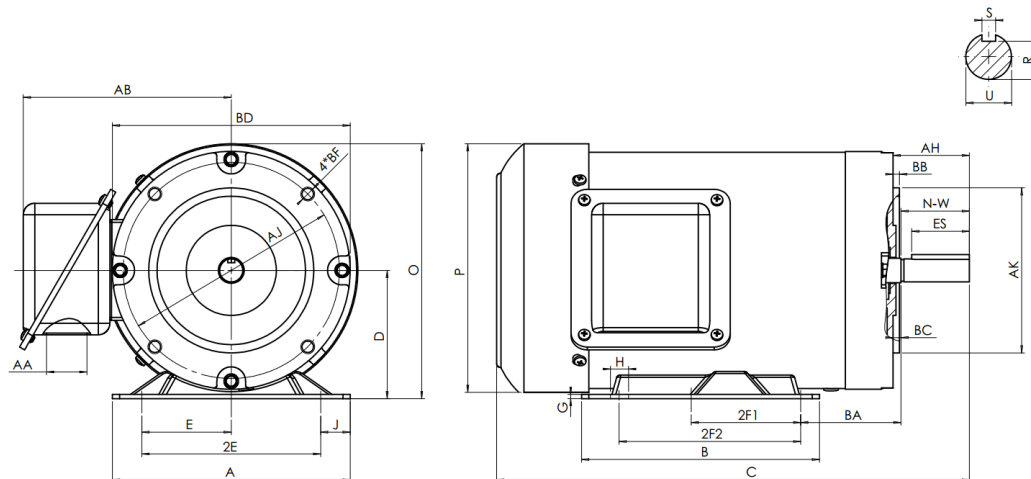
GENERAL PURPOSE ELECTRIC MOTOR

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
2	1800	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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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	1750	56C H	575	60	1.15	F	B	2.778	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	40
/	16.7	86.5	87.1	85.9	0.8	0.72	0.58	6.04	321	394				

NAME PLATE

 North American Electric, Inc.														
3 PHASE AC INDUCTION MOTOR														
CAT NO. PR56CH2M4A-575V					FRAME 56C H		PH 3		575 V Wye    L1 L2 L3					
HZ 60		SF 1.15		ENCL TEFC		IP 55								
HP 2		RPM 1750		DUTY CONT		DES B								
VOLTS 575				AMB 40 °C		INS F								
FLA 2.4				DE.BRG 6203-2RZC3										
CODE L		P.F 0.8		ODE.BRG 6203-2RZC3										
EFF 86.5		MIN 84		LBS 40										
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.