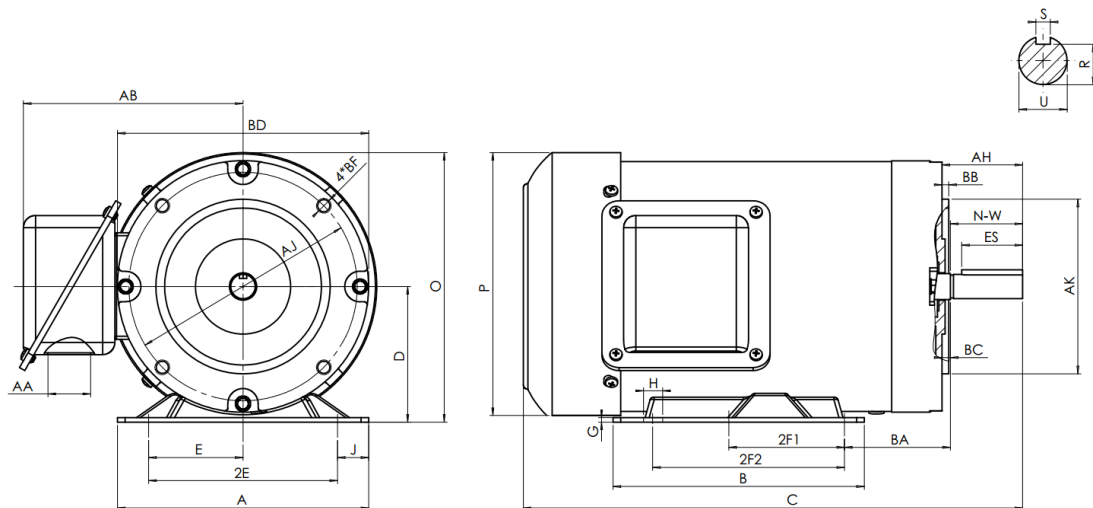


F56C3/4M2A-575V

GENERAL PURPOSE ELECTRIC MOTOR
HIGH EFFICIENCY / EISA COMPLIANT
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
3/4	3600	56C	6.30	4.00	10.65	3.50	0.12	0.35	0.71	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
3/4	3470	56C	575	60	1.15	F	B	3.611	J	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 %				
0.86	6.24	76.2	75.7	67.7	0.84	0.78	0.7	1.12	296	382	6203-2RZC3	6203-2RZC3	3 Lead Y	20

NAME PLATE



North American Electric, Inc.

3 PHASE AC INDUCTION MOTOR

CAT NO.		F56C3/4M2A-575V		FRAME		56C		PH		3		575 V Wye T1 L1 T2 L2 T3 L3																							
HZ		60		SF		1.15		ENCL		TEFC			IP		55																				
HP		3/4		RPM		3470		DUTY		CONT			DES		B																				
VOLTS				575				AMB		40 °C			INS		F																				
FLA				0.87				DE.BRG					6203-2RZC3																						
CODE		J		P.F		0.84		ODE.BRG					6203-2RZC3																						
EFF		76.2		MIN		65.4		LBS					20																						
CONNECTION				3 Lead Y				SER NO																											
Hernando, MS www.naemotors.com												ISO9001 CERTIFIED												 CUS											

APPLICATIONS:

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