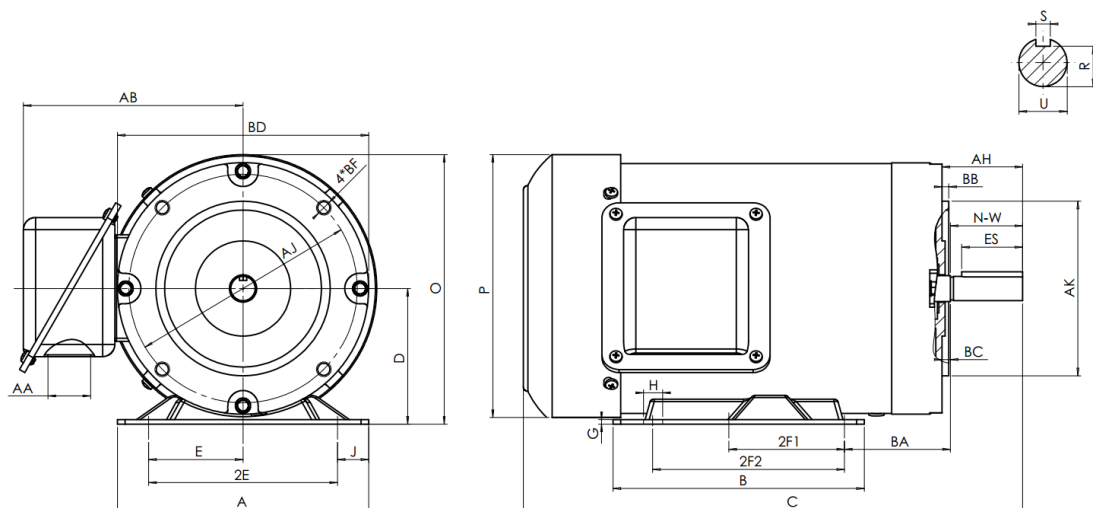


F56C1/2M4A-575V

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
1/2	1800	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
1/2	1750	56C	575	60	1.15	F	B	2.778	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 %				
0.71	3.43	77.1	73.9	68.5	0.69	0.55	0.47	1.51	236	318	6203-2RZC3	6203-2RZC3	3 Lead Y	22

NAME PLATE



North American Electric, Inc.

3 PHASE AC INDUCTION MOTOR

CAT NO.			F56C1/2M4A-575V		FRAME		56C		PH		3		575 V Wye T1 L1 T2 L2 T3 L3		
HZ		60	SF	1.15	ENCL		TEFC		IP		55				
HP		1/2	RPM	1750	DUTY		CONT		DES		B				
VOLTS				575		AMB		40 °C		INS		F			
FLA				0.7		DE.BRG						6203-2RZC3			
CODE		J	P.F	0.69	ODE.BRG						6203-2RZC3				
EFF		77.1	MIN	61.2	LBS							22			
CONNECTION				3 Lead Y		SER NO									
Hernando, MS www.naemotors.com												ISO9001 CERTIFIED		CSA C US	

APPLICATIONS:

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