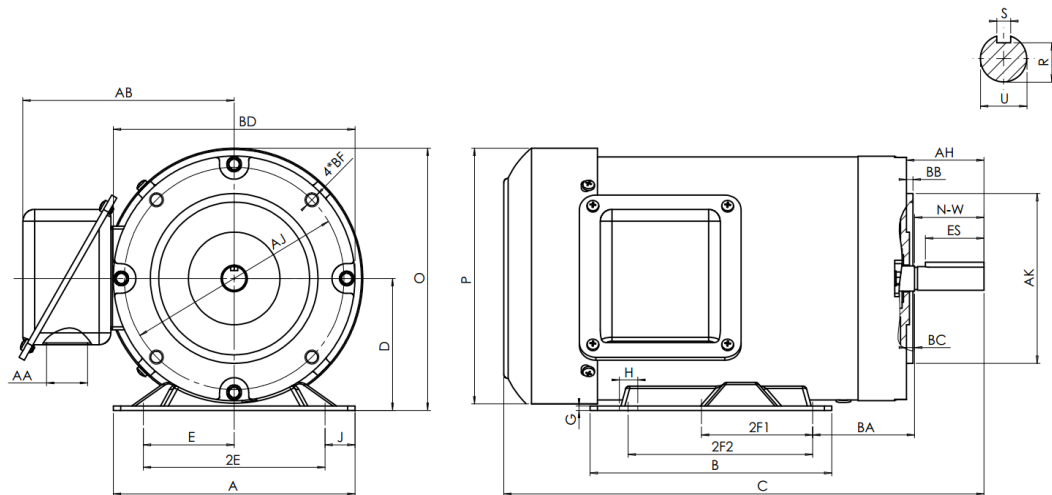


F56C1/3M2A

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
1/3	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.

ISO9001
CERTIFIED

CE

CSA
C US



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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
1/3	3480	56C	208-230/460	60	1.15	F	B	3.333	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 %				
0.66	3.86	67.6	62.3	53.8	0.7	0.63	0.53	0.51	436	407	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	17

NAME PLATE



3 PHASE AC INDUCTION MOTOR

CAT NO.			F56C1/3M2A		FRAME		56C	PH		3	208-230V					
HZ		60	SF		1.15		ENCL		TEFC		IP		55			
HP		1/3	RPM		3480		DUTY		CONT		DES		B			
VOLTS			208-230/460			AMB		40 °C		INS		F				
FLA			1.28-1.32/0.66			DE.BRG			6203-2RZC3			460V				
CODE		L	P.F		0.7		ODE.BRG			6203-2RZC3						
EFF		67.6	MIN		49.1		LBS			17						
CONNECTION			9 Lead 2Y/Y			SER NO										
Hernando, MS www.naemotors.com ISO9001 CERTIFIED  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.