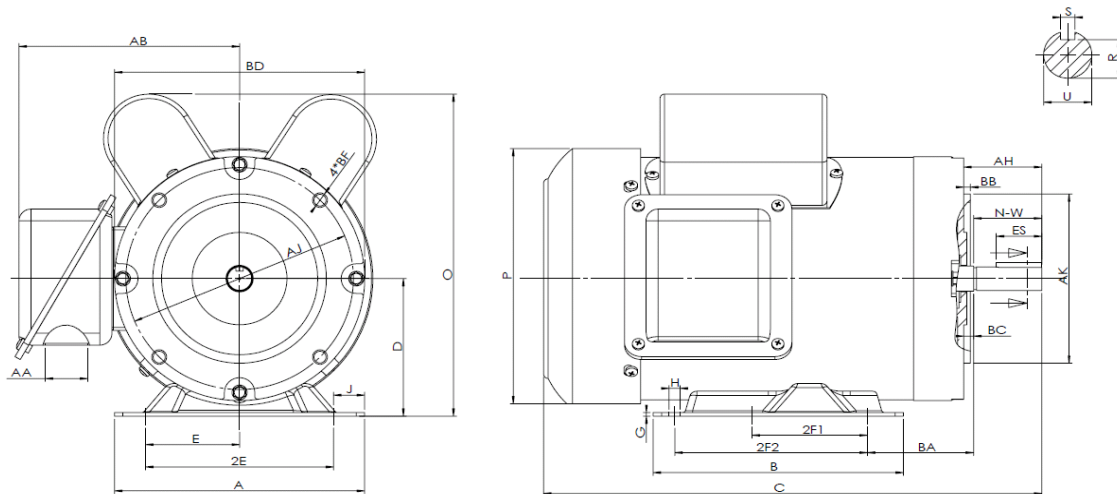


F56CH2S4C

GENERAL PURPOSE ELECTRIC MOTOR
SINGLE PHASE - CAPACITOR START / CAPACITOR RUN
ROLLED STEEL CONSTRUCTION
TOTALLY ENCLOSED FAN COOLED



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
2	1800	56CH	6.5	6.5	13.66	3.5	0.12	0.34	0.81	2.44	4.88	3	5	7.99	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	4.5	0.16	0.19	6.46	4*3/8-16	0.625	NA	0.517	0.188	1.41	1.88

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1.1	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



F56CH2S4C

GENERAL PURPOSE ELECTRIC MOTOR

SINGLE PHASE - CAPACITOR START / CAPACITOR RUN

ROLLED STEEL CONSTRUCTION

TOTALLY ENCLOSED FAN COOLED

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	56CH	115/208-230V	60	1.15	F	L	277.8	H	TEFC	55	40°C

Amps (230V)		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	6 Lead	52
8.08	53.9	83.6	81.6	76.3	0.96	0.96	0.93	6.04	266	229				

NAME PLATE

		COMPRESSOR DUTY HIGH STARTING TORQUE TOTALLY ENCLOSED FAN COOLED	
SINGLE PHASE ELECTRIC MOTOR			
MODEL	F56CH2S4C	HP	2
FRAME	56CH	ENCL	TEFC
RPM	1750	CODE	H
DESIGN	L	CLASS	F
EFFICIENCY	83.6	P.F.	0.96
DE BRG	6203-2RZC3	ODE BRG	6203-2RZC3
VOLT	115/208-230V	LBS	52
AMPS	16.17/8.94-8.08	DUTY	CONT
S.F. AMPS	18.5/10.46-9.38	MAX AMB	40°C
CONNECTION	6 Lead	SER #	
Hernando, MS www.naemotors.com			
ISO9001 CERTIFIED			
CE			
SP US			

APPLICATIONS:

General purpose use on pumps, fans, conveyors, poultry equipment, air compressors and other farm duty machinery requiring high starting torques.