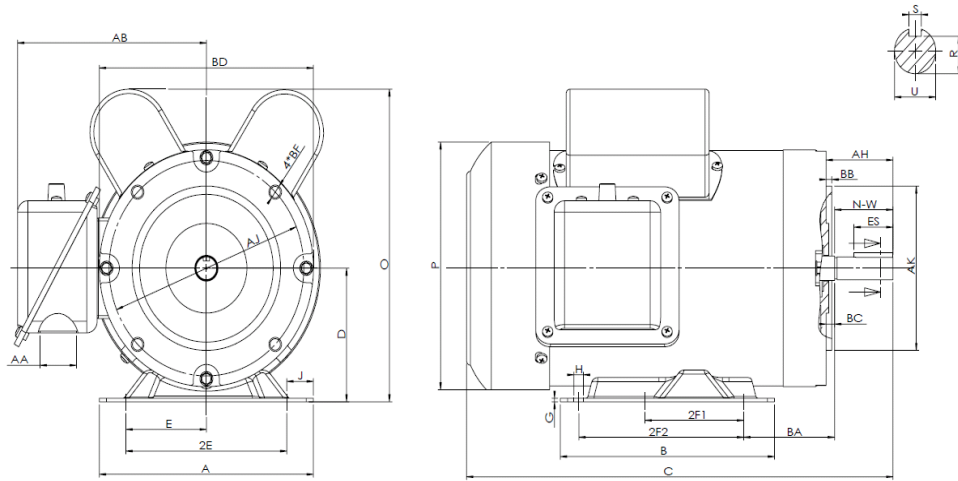




## F56C1/2S4C-MO

FARM DUTY ELECTRIC MOTOR  
 HIGH STARTING TORQUE - MANUAL OVERLOAD  
 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
1/2	1800	56C	6.3	4	10.7	3.5	0.12	0.34	0.71	2.44	4.88	3	NA	8	6.8	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	

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





## F56C1/2S4C-MO


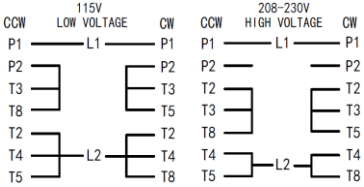



**FARM DUTY ELECTRIC MOTOR**  
**HIGH STARTING TORQUE - MANUAL OVERLOAD**  
**SINGLE PHASE - CAPACITOR START / CAPACITOR RUN**  
**ROLLED STEEL CONSTRUCTION**  
**TOTALLY ENCLOSED FAN COOLED**

### 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
1/2	1765	56C	115/208-230	60	1.15	F	L	1.9	M	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 %				
2.85	21.1	71.1	65.8	56.3	0.80	0.73	0.63	1.5	320	335	6203-2RZC3	6203-2RZC3	5 Lead/P1,P2	28

### NAME PLATE

 <b>FARM DUTY</b> <b>SINGLE PHASE AC ELECTRIC MOTOR</b> <b>HIGH STARTING TORQUE</b> <b>MANUAL OVERLOAD PROTECTION</b>			
MODEL	F56C1/2S4C-MO	HP	1/2
FRAME	56C	ENCL	TEFC
RPM	1765	CODE	M
DESIGN	L	CLASS	F
EFFICIENCY	71.1	P.F.	0.80
DE BRG	6203-2RZC3	ODE BRG	6203-2RZC3
VOLT	115/208-230	LBS	28
AMPS	5.7/3.15-2.85	DUTY	CONT
S.F.AMPS	6.02/3.02-3.11	MAX AMB	40 °C
CONNECTION	5 Lead/P1,P2	SER #	
			
Hernando, MS www.naemotors.com   			

### APPLICATIONS:

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