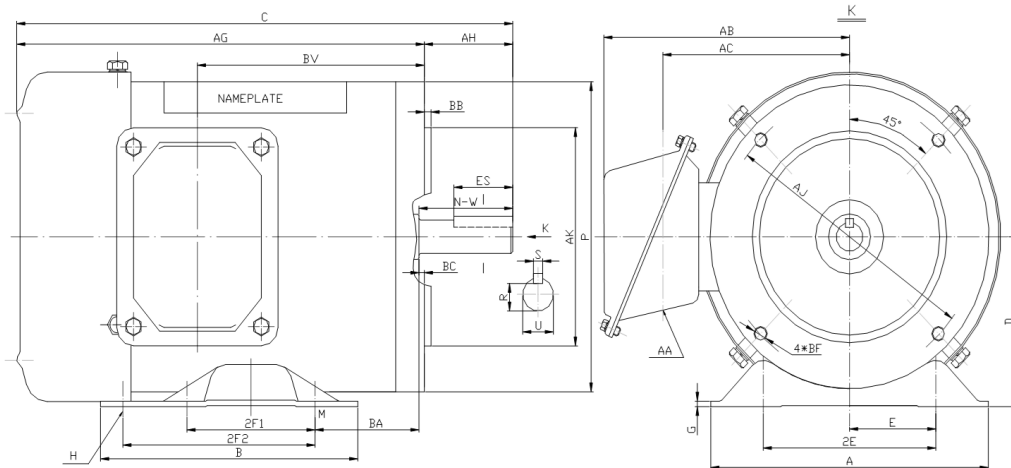


## SS56C1/2M-2

**WASHDOWN DUTY MOTOR**  
**HIGH EFFICIENCY / EISA COMPLIANT**  
**STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET**  
**TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION**  
**INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**



### DIMENSIONS

HP	RPM	Frame	MOUNTING												
			A	B	C	D	G	H	E	2E	2F1	2F2	P	AG	BA
1/2	3600	56C	6.5	5	11.59	3.5	0.118	1.22*0.34	2.44	4.88	3	NA	6.5	9.53	2.75

FLANGE						Shaft Extension, Key Set					Conduit Box			
AH	AJ	AK	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV
2.06	5.875	4.5	0.16	-0.19	4*3/8-16	0.625	0.517	0.188	1.41	1.88	0.86	5.75	4.25	5.3

Bearings		Mount
DE	ODE	
6205-2RS	6205-2RS	F1

**BEARING LUBRICATIONS:** The sealed bearings come lubricated with NEVASTANE XS 80 Grease which complies with FDA Chapter 21 CFR 178.3570



## SS56C1/2M-2

**WASHDOWN DUTY MOTOR**  
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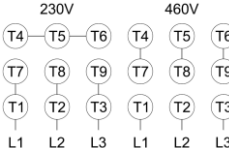



### PERFORMANCE DATA

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	3460	56C	230/460	60	1.15	F	B	3.9	K	TEFC	66	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 %				
0.75	10	77.0	75.0	67.0	0.88	0.67	0.58	0.7	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	29

\*Usable at 208 Volts

### NAME PLATE

 <b>THREE PHASE AC INDUCTION MOTOR</b> <b>INVERTER DUTY 20:1 VT; 10:1 CT</b> Hernando, MS 38632																			
Model :				SS56C1/2M-2				IP	66		FRAME	56C	LB/WT	29					
HZ	60		S.F.	1.15		HZ	50		S.F.	1.0		NEMA DESIGN B							
HP	1/2		RPM	3460		HP	1/2		RPM	2855		ENCL.	TEFC	INS	F				
VOLTS				230/460				VOLTS				190/380				DUTY	CONT	AMB	40 °C
AMPS				1.5/0.75				AMPS				1.8/0.9				DE BRG		6205-2RS	
CODE	K		P.F.	0.88		CODE	K		P.F.	0.90		ODE BRG		6205-2RS					
EFF	77.0		MIN	74.0		EFF	74.0		MIN	71.0		SER NO.							
												  		CC082A		MADE IN CHINA			

Factory Certified for T2B  
 Div 2. Class I, Gr. A , B , C & D  
 and Class II, Gr. F & G

### APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.