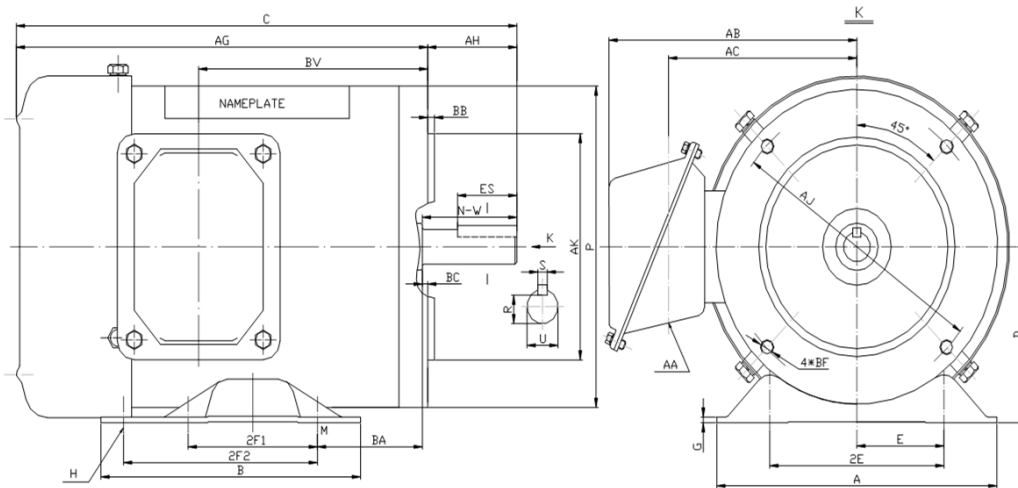


**SS56C2M-2**

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	AK	AJ	AH
2	3600	56C	6.50	6.50	11.59	3.50	0.12	1.22*0.34	2.44	4.88	3.00	5.00	6.50	4.500	5.875	2.06

Mounting					Shaft Extension, Key Set					Conduit Box				Bearings		Mount
AG	BA	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV	DE	ODE	
9.53	2.75	0.16	-0.19	4*3/8-16	0.625	0.517	0.188	1.41	1.88	0.86	5.75	4.25	5.30	6205	6205	F1

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



***Murphey Electric LLC***

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## SS56C2M-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**

### 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	3480	56C	208-230/460	60	1.15	F	C	3.3	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
2.4	25.0	84.0	79.0	75.0	81.5	0.91	0.85	0.78	2.9	285	300	6205	6205	9 Lead 2Y/Y	46

### NAME PLATE

		<b>WASHDOWN DUTY STAINLESS STEEL MOTOR</b>				<b>CONNECTION DIAGRAMS</b>					
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>				<b>HIGH EFFICIENCY EISA COMPLIANT</b>							
CAT NO: SS56C2M-2		FRAME 56C		PHASE 3							
HZ 60	S.F. 1.15	HZ 50	S.F. 1.2	ENCL TEFC	IP 66						
HP 2	RPM 3480	HP 1.5	RPM 2870	DUTY CONT	DES C						
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F						
FLA 5.3 - 4.8 / 2.4	FLA 4.4/2.2		DE BEARING 6205								
CODE K	P.F. 0.91	CODE K	P.F. 0.92	ODE BEARING 6205							
EFF 84.0	MIN 81.5	EFF 81.5	MIN 78.5	LUB: Mobile Polyrex EM							
MOTOR WEIGHT 46 LBS	CONNECTION 9 Lead 2Y/Y		SER NO								
Special purpose motor designed for washdown applications and extremely corrosive environments. Hernando, Mississippi										CC 082A	

### APPLICATIONS:

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



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