

SS56C1/2M-2

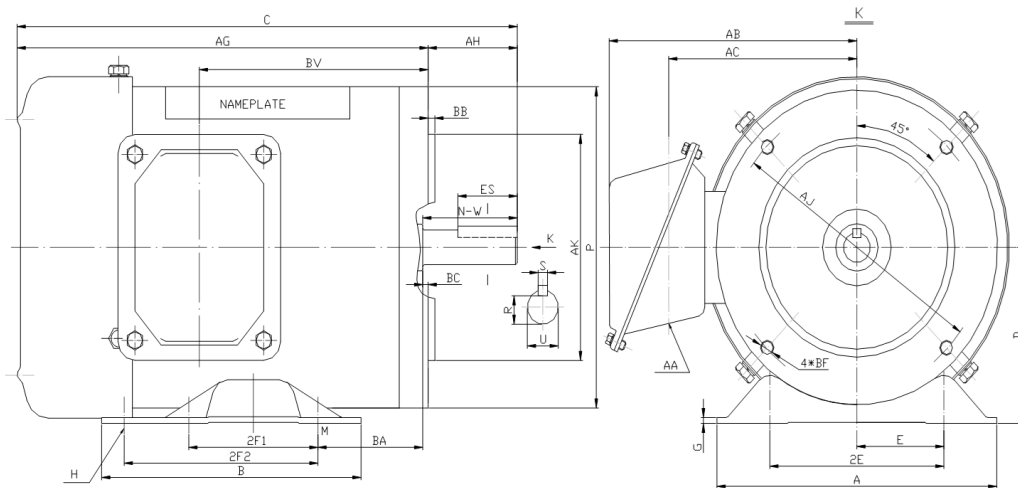
WASHDOWN DUTY MOTOR

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	AK	AJ	AH
1/2	3600	56C	6.50	5.00	11.59	3.50	0.12	1.22*0.34	2.44	4.88	3.00	0.00	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	6205-2RS	6205-2RS	F1

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



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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	208-230/460	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6205-2RS	6205-2RS	9 Lead 2Y/Y	29
0.8	10.0	77.0	75.0	67.0	74.0	0.88	0.67	0.58	0.7	285	300				

NAME PLATE

				WASHDOWN DUTY STAINLESS STEEL MOTOR				CONNECTION DIAGRAMS			
INVERTER DUTY 20:1 VT; 10:1 CT				HIGH EFFICIENCY EISA COMPLIANT							
CAT NO: SS56C1/2M-2				FRAME 56C				PHASE 3			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 66	
HP 1/2		RPM 3460		HP 1/2		RPM 2855		DUTY CONT		DES B	
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F	
FLA 1.6 - 1.5 / 0.75				FLA 1.8/0.9				DE BEARING 6205-2RS			
CODE K		P.F. 0.88		CODE K		P.F. 0.90		ODE BEARING 6205-2RS			
EFF 77.0		MIN 74.0		EFF 74.0		MIN 71.0		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 29 LBS				CONNECTION 9 Lead 2Y/Y				SER NO			
Special purpose motor designed for washdown applications and extremely corrosive environments. Hernando, Mississippi										 CC 082A	

208-230V		
		
		
		
L1	L2	L3

460V		
		
		
		
L1	L2	L3

APPLICATIONS:

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