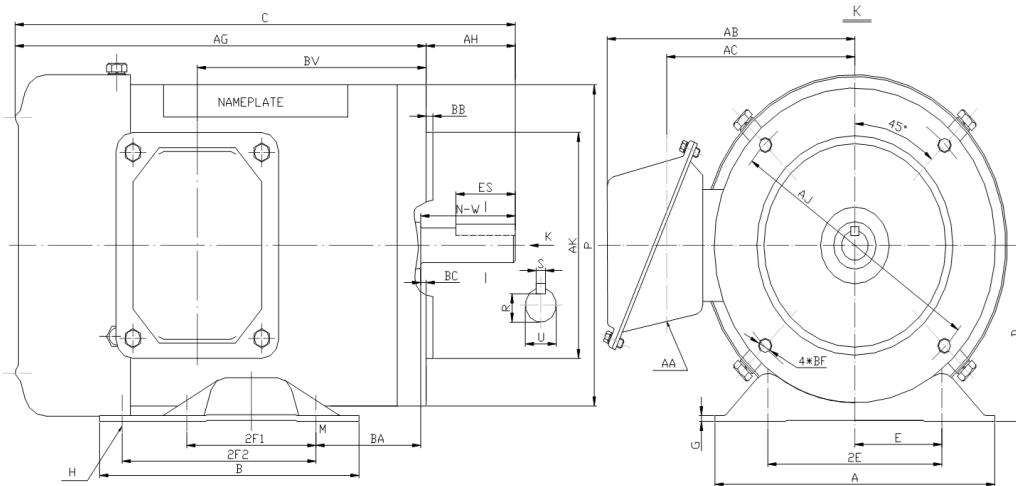


SS56C3/4M-4

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
3/4	1800	56C	6.50	5.00	12.57	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	
10.51	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	6.30	6205-2RS	6205-2RS	F1

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





SS56C3/4M-4

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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
3/4	1745	56C	208-230/460	60	1.15	F	B	3.1	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 %				
1.1	12.5	82.5	77.0	72.0	80.0	0.78	0.64	0.56	2.2	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	33

NAME PLATE

		WASHDOWN DUTY STAINLESS STEEL MOTOR				CONNECTION DIAGRAMS	
INVERTER DUTY 20:1 VT; 10:1 CT		HIGH EFFICIENCY EISA COMPLIANT				208-230V	
CAT NO: SS56C3/4M-4		FRAME 56C		PHASE 3			
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 66		
HP 3/4	RPM 1745	HP 3/4	RPM 1450	DUTY CONT	DES B		
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C		INS F	
FLA 2.3 - 2.2 / 1.1		FLA 2.7/1.35		DE BEARING 6205-2RS			
CODE K	P.F. 0.78	CODE K	P.F. 0.80	ODE BEARING 6205-2RS			
EFF 82.5	MIN 80.0	EFF 80.0	MIN 77.0	LUB: Mobil Polyrex EM			
MOTOR WEIGHT 33 LBS		CONNECTION 9 Lead 2Y/Y		SER NO			
Special purpose motor designed for washdown applications and extremely corrosive environments. Hernando, Mississippi							

APPLICATIONS:

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