

SS56C1/3M-4

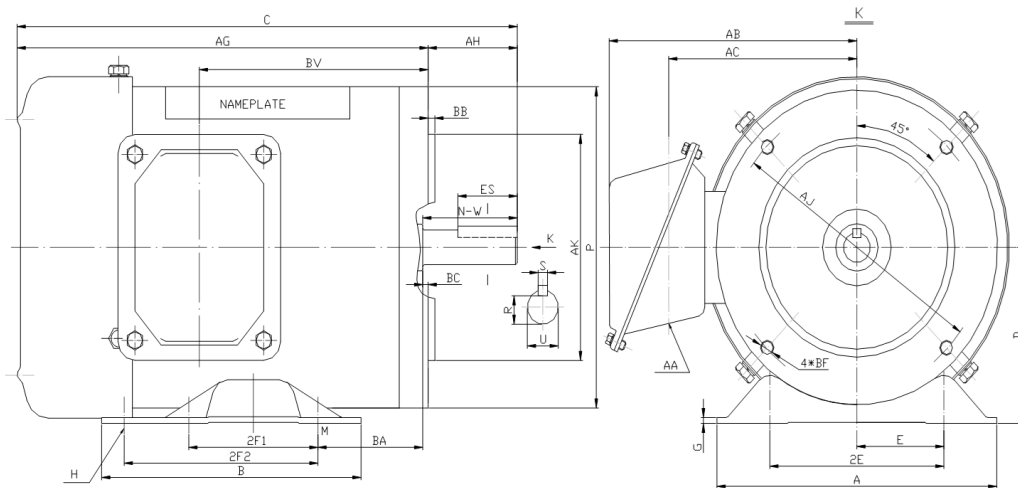
WASHDOWN DUTY MOTOR

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
1/3	1800	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

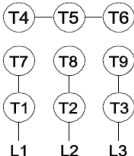
HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
1/3	1745	56C	208-230/460	60	1.15	F	B	3.1	K	TEFC	66	40° C

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 %	6205-2RS	6205-2RS	9 Lead 2Y/Y	28
0.6	8.0	82.5	75.0	72.0	80.0	0.71	0.58	0.49	1.0	285	300				

NAME PLATE

 North American Electric, Inc.				WASHDOWN DUTY STAINLESS STEEL MOTOR				CONNECTION DIAGRAMS			
INVERTER DUTY 20:1 VT; 10:1 CT				HIGH EFFICIENCY EISA COMPLIANT							
CAT NO:		SS56C1/3M-4		FRAME		56C		PHASE		3	
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	66
HP	1/3	RPM	1745	HP	1/3	RPM	1450	DUTY	CONT	DES	B
VOLTS		208-230/460		VOLTS		190/380		AMB	40° C	INS	F
FLA		1.4 - 1.2 / 0.6		FLA		1.3/0.65		DE BEARING		6205-2RS	
CODE		K	P.F.	0.71	CODE		K	P.F.	0.73	ODE BEARING 6205-2RS	
EFF		82.5	MIN	80.0	EFF		80.0	MIN	77.0	LUB: Mobil Polyrex EM	
MOTOR WEIGHT		28	LBS	CONNECTION		9 Lead 2Y/Y		SER NO			
Special purpose motor designed for washdown applications and extremely corrosive environments. 											

208-230V



460V

