

SS56C1/2M-6

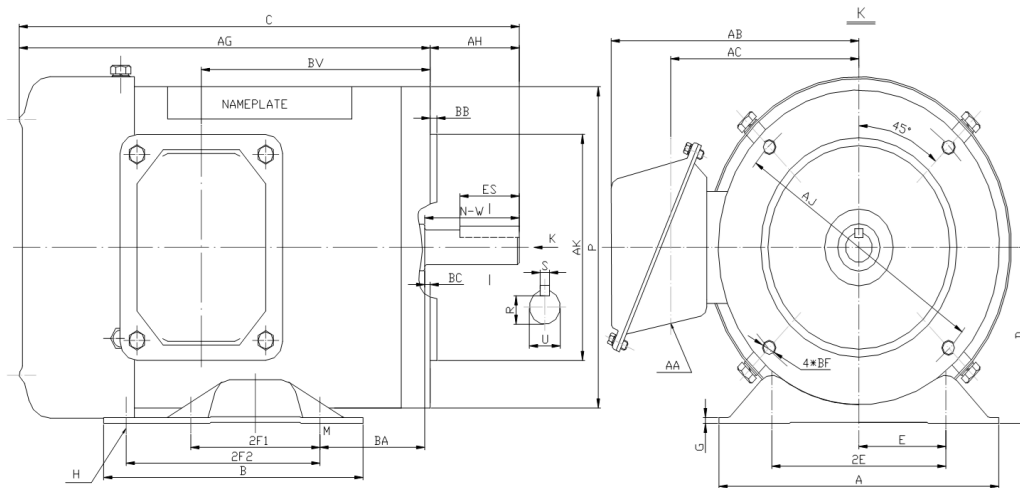
WASHDOWN DUTY MOTOR

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	1200	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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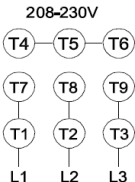
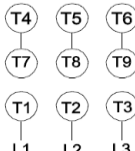
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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
1/2	1155	56C	208-230/460	60	1.15	F	B	3.8	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	31
0.9	10.0	80.0	76.0	69.0	77.0	0.63	0.55	0.47	2.2	255	270				

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: SS56C1/2M-6					FRAME 56C					PHASE 3																																							
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 66																																							
HP 1/2		RPM 1155		HP 1/2		RPM 960		DUTY CONT		DES B																																							
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C			INS F																																								
FLA 1.9 - 1.8 / 0.9			FLA 2.2/1.1			DE BEARING 6205-2RS																																											
CODE K			P.F. 0.63		CODE K			P.F. 0.65		ODE BEARING 6205-2RS																																							
EFF 80.0		MIN 77.0		EFF 77.0		MIN 74.0		LUB: Mobil Polyrex EM																																									
MOTOR WEIGHT 31 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.