



SS56C1/2M-4-RB

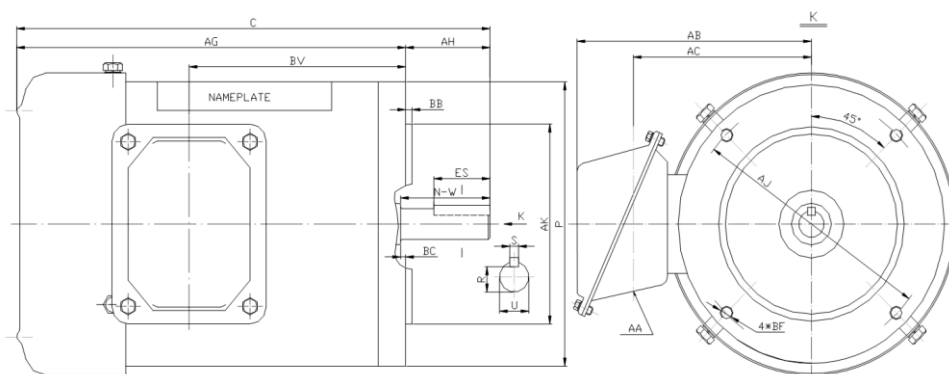
WASHDOWN DUTY MOTOR

HIGH EFFICIENCY / EISA COMPLIANT

STAINLESS STEEL CONSTRUCTION - ROUND BODY (C-FLANGE FOOTLESS)

TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION

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



DIMENSIONS

HP	RPM	Frame	Mounting									
			C	P	AK	AJ	AH	AG	BA	BB	BC	BF
1/2	1800	56C	11.59	6.50	4.500	5.875	2.06	9.53	0.16	N/A	9.53	4*3/8-16

Shaft Extension, Key Set					Conduit Box				Bearings		Mount
U	R	S	ES	N-W	AA	AB	AC	BV	DE	ODE	
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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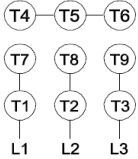
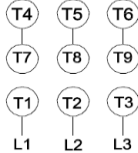
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PERFORMANCE DATA

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	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	29
0.8	10.0	82.5	77.0	72.0	80.0	0.78	0.62	0.53	1.5	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: SS56C1/2M-4-RB					FRAME 56C					PHASE 3																			
HZ 60		S.F. 1.15			HZ 50		S.F. 1.0			ENCL TEFC		IP 66																	
HP 1/2		RPM 1745			HP 1/2		RPM 1450			DUTY CONT		DES B																	
VOLTS 208-230/460					VOLTS 190/380					AMB 40° C															INS F				
FLA 1.8 - 1.6 / 0.8					FLA 1.8/0.9					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 29 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.