



SS56C1/2M-2-RB

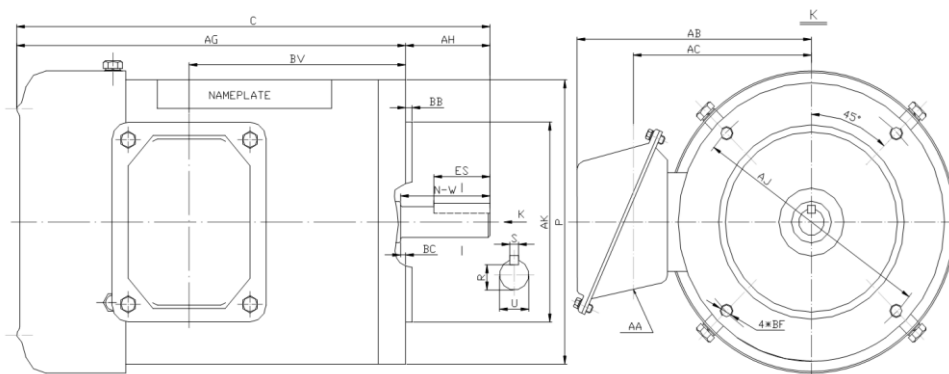
WASHDOWN DUTY MOTOR

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	3600	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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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

 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-2-RB		FRAME		56C		PHASE		3		208-230V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1 L2 L3											
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.																						CC 082A	
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.