

PESS56C1.5M-2

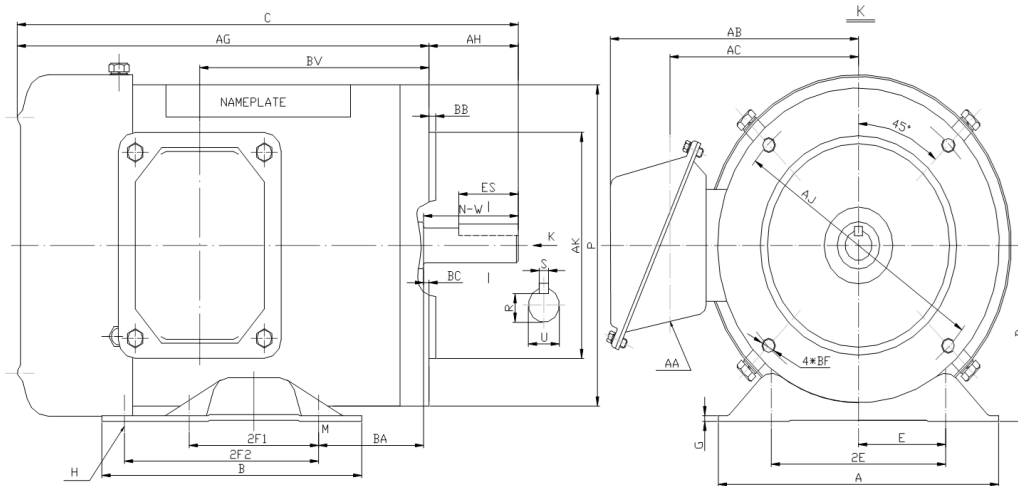
WASHDOWN DUTY MOTOR

NEMA PREMIUM EFFICIENCY

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
1.5	3600	56C	6.50	6.50	12.57	3.50	0.12	1.22*0.34	2.44	4.88	3.00	5.00	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.



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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
1.5	3480	56C	208-230/460	60	1.15	F	B	3.3	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 %				
2.0	20.0	84.0	78.0	74.0	81.5	0.86	0.82	0.73	2.3	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	39

NAME PLATE

 North American Electric, Inc.												CONNECTION DIAGRAMS 208-230V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1L2L3 460V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1L2L3
CAT NO: PESS56C1.5M-2				FRAME 56C				PHASE 3				
HZ 60		S.F. 1.15		HZ 50		S.F. 1.00		ENCL TEFC		IP 66		
HP 1.5		RPM 3480		HP 1.5		RPM 2865		DUTY CONT		DES B		
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F		
FLA 4.2 - 4 / 2				FLA 4.8/2.4				DE BEARING 6205-2RS				
CODE K		P.F. 0.86		CODE K		P.F. 0.88		ODE BEARING 6205-2RS				
EFF 84.0		MIN 81.5		EFF 81.5		MIN 78.5		LUB: Mobil Polyrex EM				
MOTOR WEIGHT 39 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.