



PESS56C1M-4-RB

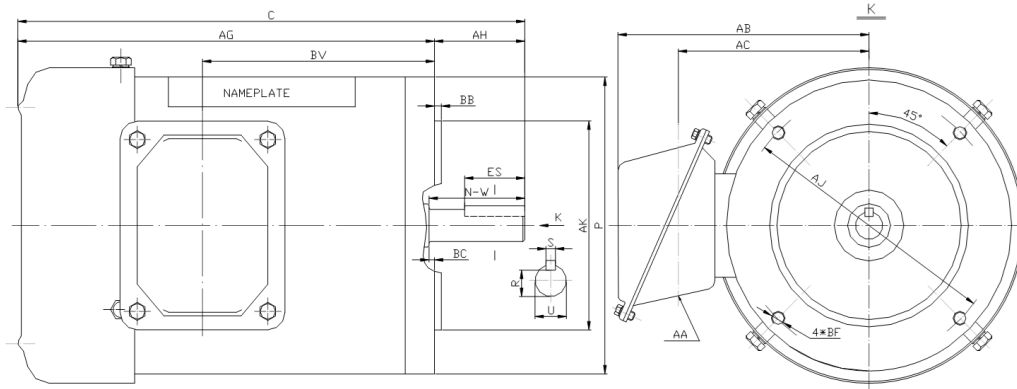
WASHDOWN DUTY MOTOR

NEMA PREMIUM EFFICIENCY

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	AH	AJ	AK	AG	BA	BB	BC	BF
1	1800	56C	12.57	6.5	2.06	5.875	4.5	10.51	NA	0.16	-0.19	4*3/8-16

Shaft Extension, Key Set					Conduit Box				
U	R	S	ES	N-W	AA	AB	AC	BV	
0.625	0.517	0.188	1.41	1.88	0.86	5.75	4.25	6.3	

Bearings		Mount
DE	ODE	
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	1740	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%	100%	75%	50%	FLT	LRT %	BDT %	6205-2RS	6205-2RS	9 Lead 2Y/Y	35
1.5	15	85.5	78.0	74.0	0.71	0.60	0.46	3	285	300				

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR										Hernando, MS 38632	
		INVERTER DUTY 20:1 VT; 10:1 CT											
Model :				PESS56C1M-4-RB				IP	66	FRAME	56C	LB/WT	35
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	NEMA DESIGN		B			
HP	1	RPM	1740	HP	1	RPM	1450	ENCL.	TEFC	INS	F		
VOLTS 208-230/460				VOLTS 190/380				DUTY CONT		AMB 40 °C			
AMPS 3.1 - 3 / 1.5				AMPS 3.7/1.85				DE BRG		6205-2RS			
CODE K		P.F. 0.71		CODE K		P.F. 0.74		ODE BRG		6205-2RS			
EFF 85.5		MIN 82.5		EFF 82.5		MIN 79.5		SER NO.					
208-230V 460V CC082A MADE IN CHINA													

Factory Certified for T2B

Div 2. Class I, Gr. A , B , C & D

and Class II, Gr. F & G

APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.