



PESS56C1.5M-2-RB

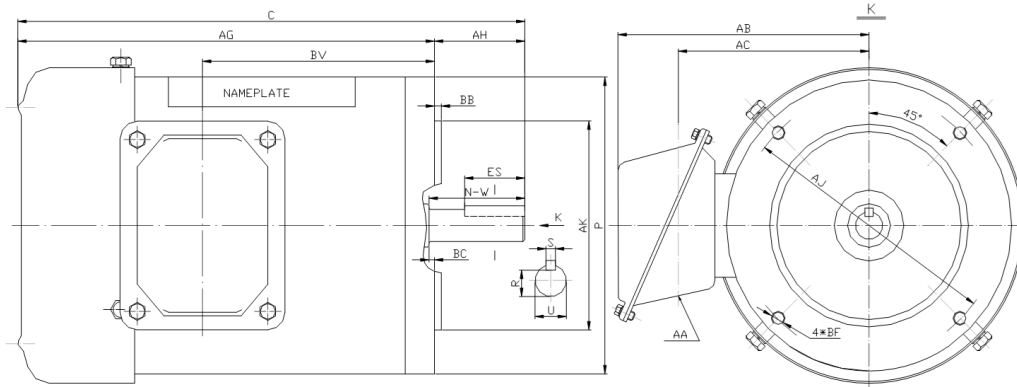
WASHDOWN DUTY MOTOR

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
1.5	3600	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
1.5	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%	100%	75%	50%	FLT	LRT %	BDT %	6205-2RS	6205-2RS	9 Lead 2Y/Y	38
2	20	84.0	78.0	74.0	0.86	0.82	0.73	2.3	285	300				

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR											
		INVERTER DUTY 20:1 VT; 10:1 CT										Hernando, MS 38632	
Model :		PESS56C1.5M-2-RB						IP	66	FRAME	56C	LB/WT	38
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	NEMA DESIGN		B			
HP	1.5	RPM	3480	HP	1.5	RPM	2865	ENCL.	TEFC	INS	F		
VOLTS		208-230/460				VOLTS		190/380		DUTY	CONT	AMB	40 °C
AMPS		4.2 - 4 / 2				AMPS		4.8/2.4		DE BRG		6205-2RS	
CODE	K	P.F.	0.86	CODE	K	P.F.	0.88	ODE BRG		6205-2RS			
EFF	84.0	MIN	81.5	EFF	81.5	MIN	78.5	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.