



PESS143TC1M-4-RB

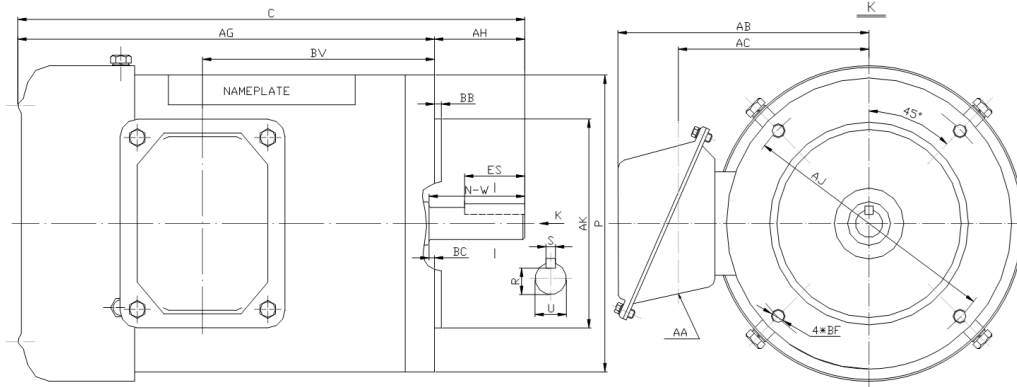
WASHDOWN DUTY MOTOR

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	143TC	12.63	6.5	2.12	5.875	4.5	10.51	NA	0.16	0.12	4*3/8-16

Shaft Extension, Key Set					Conduit Box				
U	R	S	ES	N-W	AA	AB	AC	BV	
0.875	0.771	0.188	1.41	2.25	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	143TC	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	36
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 INVERTER DUTY 20:1 VT; 10:1 CT Hernando, MS 38632											
Model : PESS143TC1M-4-RB				IP 66		FRAME 143TC		LB/WT 36			
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 T4 T5 T6 T7 T8 T9 T1 T2 T3 L1 L2 L3 460V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1 L2 L3 CE SP C US 272709 RU E310089 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.