



PESS182TC3M-4-RB

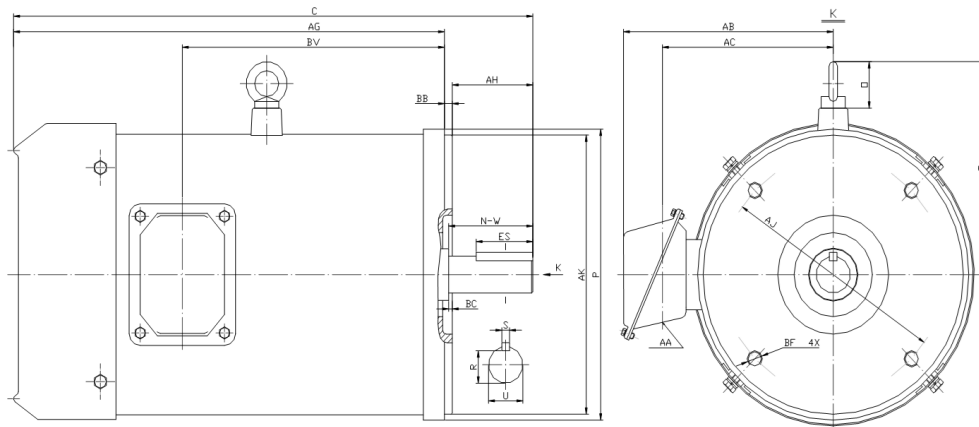
WASHDOWN DUTY MOTOR

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
3	1800	182TC	17	8.85	2.62	7.25	8.5	14.13	NA	0.25	0.12	4*1/2-13

Shaft Extension, Key Set					Conduit Box				
U	R	S	ES	N-W	AA	AB	AC	BV	
1.125	0.986	0.25	1.78	2.75	0.94	7	5.3	8.6	

Bearings		Mount
DE	ODE	
6308-2RS	6306-2RS	F1

BEARING LUBRICATIONS: The sealed bearings come lubricated with NEVASTANE XS 80 Grease which complies with FDA Chapter 21 CFR 178.3570





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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
3	1765	182TC	208-230/460	60	1.15	F	B	1.9	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%	100%	75%	50%	FLT	LRT %	BDT %				
4	32	89.5	90.0	89.0	0.81	0.75	0.64	8.8	270	290	6308-2RS	6306-2RS	9 Lead 2Y/Y	77

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT						Hernando, MS 38632															
		Model :		PESS182TC3M-4-RB				IP		66		FRAME 182TC		LB/WT 77									
HZ		60		S.F.		1.15		HZ		50		S.F.		1.0		NEMA DESIGN		B					
HP		3		RPM		1765		HP		3		RPM		1460		ENCL.		TEFC		INS		F	
VOLTS		208-230/460				VOLTS		190/380				DUTY		CONT		AMB		40° C					
AMPS		8.4 - 8 / 4				AMPS		9.6/4.8				DE BRG		6308-2RS									
CODE		K		P.F.		0.81		CODE		K		P.F.		0.83		ODE BRG		6306-2RS					
EFF		89.5		MIN		87.5		EFF		87.5		MIN		85.5		SER NO.							
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>208-230V</p> </div> <div style="text-align: center;"> <p>460V</p> </div> </div>								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.