



PESS184TC2M-6-RB

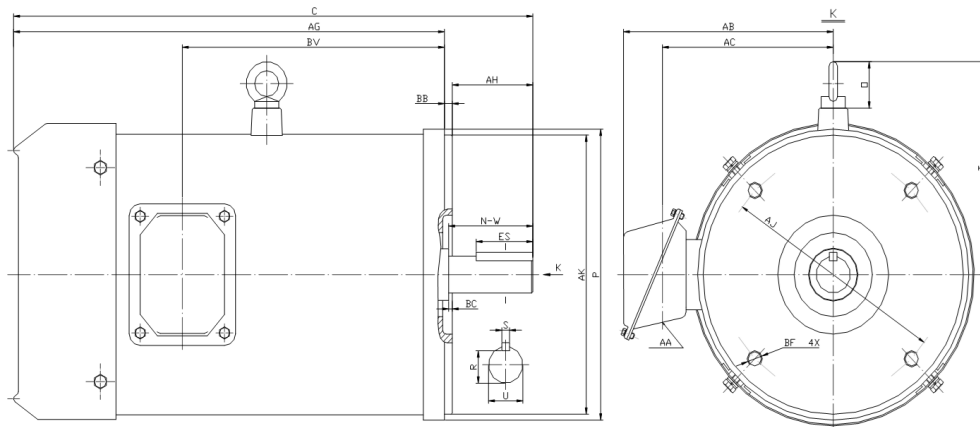
WASHDOWN DUTY MOTOR

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
2	1200	184TC	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
2	1175	184TC	208-230/460	60	1.15	F	B	2.1	L	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 %				
3.05	25	86.5	82.0	77.0	0.71	0.65	0.57	8.8	255	270	6308-2RS	6306-2RS	9 Lead 2Y/Y	94

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT						Hernando, MS 38632							
		Model : PESS184TC2M-6-RB				IP 66		FRAME 184TC		LB/WT 94					
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		NEMA DESIGN B							
HP 2		RPM 1175		HP 2		RPM 970		ENCL. TEFC		INS F					
VOLTS 208-230/460				VOLTS 190/380				DUTY CONT		AMB 40 °C					
AMPS 6.6 - 6.1 / 3.05				AMPS 7.4/3.7				DE BRG 6308-2RS							
CODE L		P.F. 0.71		CODE L		P.F. 0.73		ODE BRG 6306-2RS							
EFF 86.5		MIN 84.0		EFF 84.0		MIN 81.5		SER NO.							
208-230V 						460V 								CC082A E310089 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.