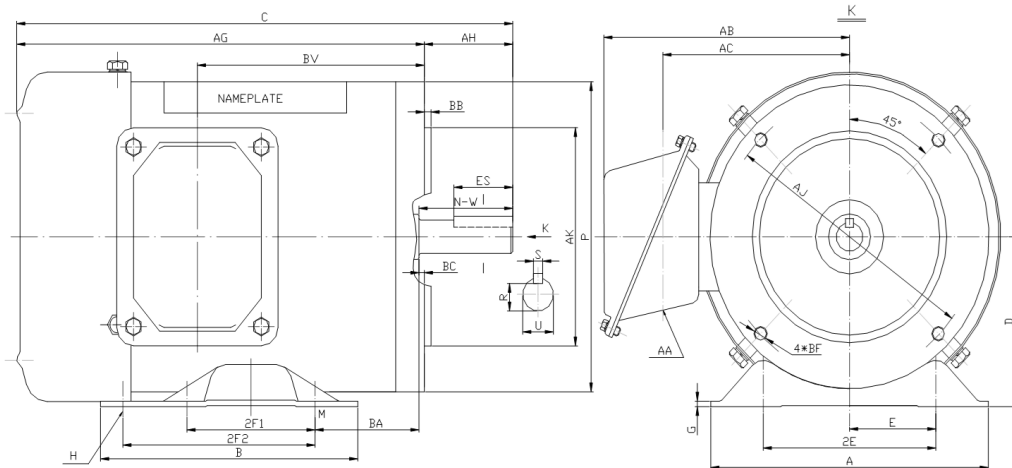




PES143TC1.5M-2

WASHDOWN DUTY MOTOR
NEMA PREMIUM EFFICIENCY
STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET
TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31



DIMENSIONS

HP	RPM	Frame	MOUNTING												
			A	B	C	D	G	H	E	2E	2F1	2F2	P	AG	BA
1.5	3600	143TC	6.5	6.5	13.81	3.5	0.118	0.35	2.75	5.5	4	5	6.5	11.69	2.75

FLANGE						Shaft Extension, Key Set					Conduit Box			
AH	AJ	AK	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV
2.12	5.875	4.5	0.16	0.12	4*3/8-16	0.875	0.771	0.188	1.41	2.25	0.86	5.75	4.25	7.5

Bearings		Mount
DE	ODE	
6205-2RS	6205-2RS	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
1.5	3480	143TC	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 %				
2	20	84.0	78.0	74.0	0.86	0.82	0.73	2.3	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	40

*Usable at 208 Volts

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								Hernando, MS 38632			
		Model : PESS143TC1.5M-2				IP 66		FRAME 143TC		LB/WT 40			
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 230/460				VOLTS 190/380				DUTY CONT		AMB 40 °C			
AMPS 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.					
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.