

PESS215TC5M-6

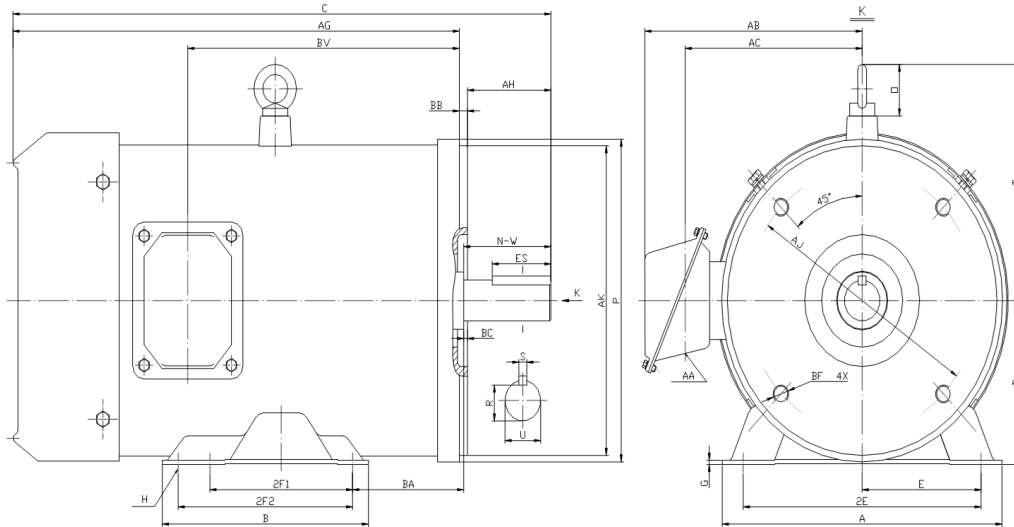
WASHDOWN DUTY MOTOR

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
5	1200	215TC	9.6	8.1	21.5	5.25	0.157	0.41	4.25	8.5	5.5	7	10.08	18.13	4.25

FLANGE						Shaft Extension, Key Set					Conduit Box			
AH	AJ	AK	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV
3.12	7.25	8.5	0.25	0.25	4*1/2-13	1.375	1.201	0.312	2.41	3.38	0.94	7.7	6.2	12.15

Bearings		Mount
DE	ODE	
6308-2RS	6208-2RS	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
5	1175	215TC	208-230/460	60	1.15	F	B	2.1	J	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 %				
6.8	46	87.5	87.5	86.0	0.78	0.67	0.55	22.1	250	270	6308-2RS	6208-2RS	9 Lead 2Y/Y	197

NAME PLATE

		THREE PHASE AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT						Hernando, MS 38632					
		Model : PESS215TC5M-6				IP 66		FRAME 215TC		LB/WT 197			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		NEMA DESIGN B					
HP 5		RPM 1175		HP 5		RPM 970		ENCL. TEFC		INS F			
VOLTS 208-230/460				VOLTS 190/380				DUTY CONT		AMB 40 °C			
AMPS 14.5 - 13.6 / 6.8				AMPS 16.6/8.3				DE BRG 6308-2RS					
CODE J		P.F. 0.78		CODE J		P.F. 0.80		ODE BRG 6208-2RS					
EFF 87.5		MIN 85.5		EFF 85.5		MIN 83.0		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 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.