

PESS215TC5M-6

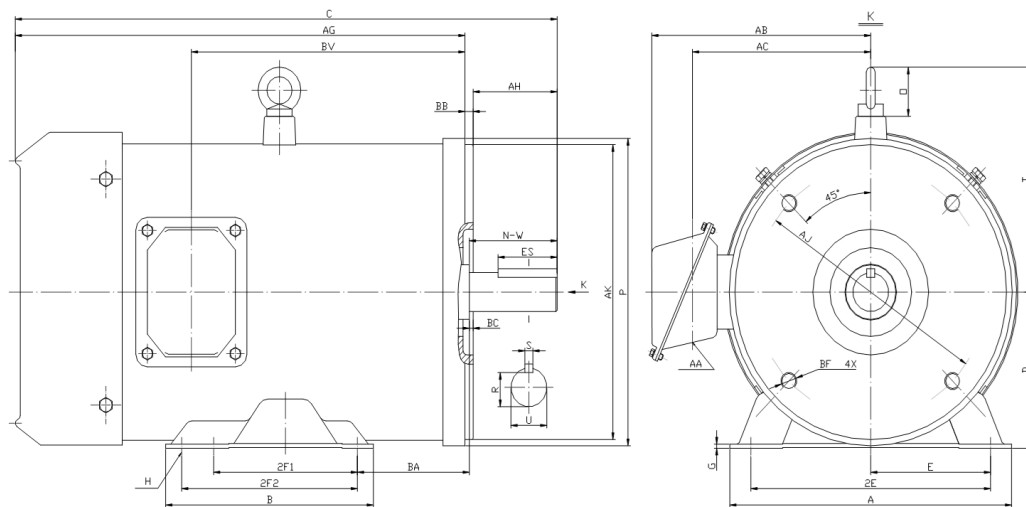
WASHDOWN DUTY MOTOR

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	AK	AJ	AH
5	1200	215TC	9.60	8.10	21.50	5.25	0.16	0.41	4.25	8.50	5.50	7.00	10.08	8.500	7.250	3.12

Mounting					Shaft Extension, Key Set					Conduit Box				Bearings		Mount
AG	BA	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV	DE	ODE	
18.13	4.25	0.25	0.25	4*1/2-13	1.375	1.201	0.312	2.41	3.38	0.94	7.70	6.20	12.15	6308-2RS	6208-2RS	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.



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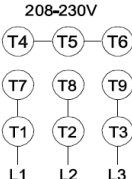
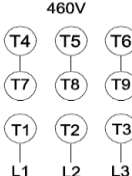
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PERFORMANCE DATA

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%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6308-2RS	6208-2RS	9 Lead 2Y/Y	197
6.8	46.0	87.5	87.5	86.0	85.5	0.78	0.67	0.55	22.1	250	270				

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS		
INVERTER DUTY 20:1 VT; 10:1 CT										WASHDOWN DUTY STAINLESS STEEL MOTORS					
CAT NO: PESS215TC5M-6				FRAME 215TC				PHASE 3							
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC					IP 66		
HP 5		RPM 1175		HP 5		RPM 970		DUTY CONT					DES B		
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C					INS F		
FLA 14.5 - 13.6 / 6.8				FLA 16.6/8.3				DE BEARING 6308-2RS							
CODE J		P.F. 0.78		CODE J		P.F. 0.80		ODE BEARING 6208-2RS							
EFF 87.5		MIN 85.5		EFF 85.5		MIN 83.0		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 197 LBS				CONNECTION 9 Lead 2Y/Y				SER NO							
Special purpose motor designed for washdown applications and extremely corrosive environments.													   		
Hernando, Mississippi															
															
										CC 082A					

APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.