

PESS213TC7.5M-4

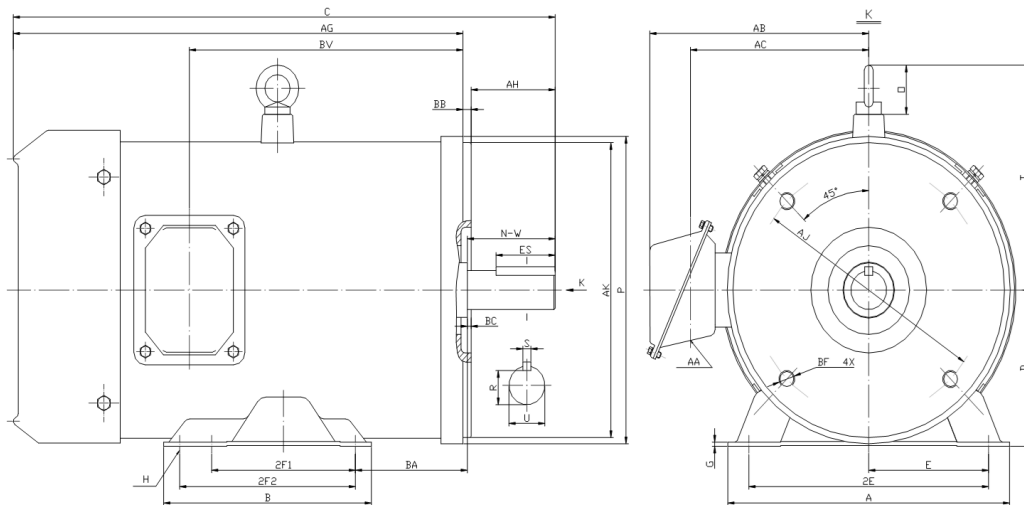
WASHDOWN DUTY MOTOR

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
7.5	1800	213TC	9.60	8.10	20.70	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	
17.33	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	11.35	6308-2RS	6208-2RS	F1

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



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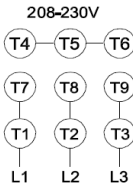
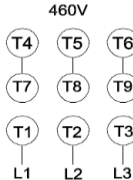
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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
7.5	1755	213TC	208-230/460	60	1.15	F	B	2.5	H	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	179
9.3	63.5	91.7	92.0	90.0	90.2	0.83	0.75	0.65	22.0	250	270				

NAME PLATE

 North American Electric, Inc.																	
INVERTER DUTY 20:1 VT; 10:1 CT										WASHDOWN DUTY STAINLESS STEEL MOTORS				CONNECTION DIAGRAMS			
CAT NO: PESS213TC7.5M-4				FRAME 213TC				PHASE 3									
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 66							
HP 7.5		RPM 1755		HP 7.5		RPM 1460		DUTY CONT		DES B							
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F							
FLA 20 - 18.6 / 9.3				FLA 22.4/11.2				DE BEARING 6308-2RS									
CODE H		P.F. 0.83		CODE H		P.F. 0.85		ODE BEARING 6208-2RS									
EFF 91.7		MIN 90.2		EFF 90.0		MIN 88.5		LUB: Mobil Polyrex EM									
MOTOR WEIGHT 179 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.