

PESS215TC10M-4

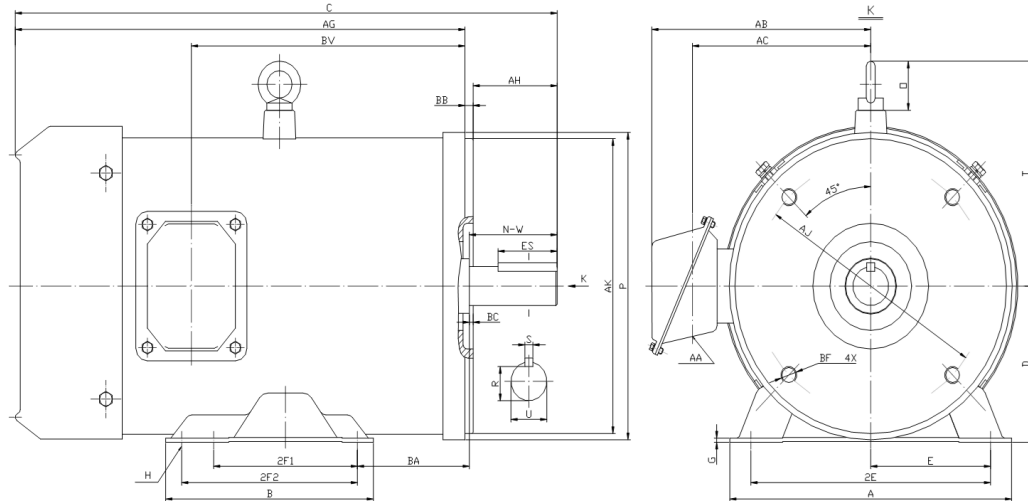
WASHDOWN DUTY MOTOR

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
10	1800	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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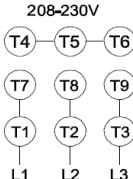
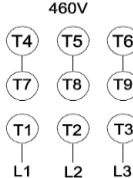
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	1760	215TC	208-230/460	60	1.15	F	B	2.2	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	210
12.2	81.0	91.7	92.0	91.0	90.2	0.85	0.76	0.65	29.3	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: PESS215TC10M-4				FRAME 215TC				PHASE 3																							
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 66																					
HP 10		RPM 1760		HP 10		RPM 1460		DUTY CONT		DES B																					
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C														INS F									
FLA 26 - 24.4 / 12.2				FLA 29.8/14.9				DE BEARING 6308-2RS																							
CODE H		P.F. 0.85		CODE H		P.F. 0.87		ODE BEARING 6208-2RS																							
EFF 91.7		MIN 90.2		EFF 90.0		MIN 88.5		LUB: Mobil Polyrex EM																							
MOTOR WEIGHT 210 LBS				CONNECTION 9 Lead 2Y/Y				SER NO																							
Special purpose motor designed for washdown applications and extremely corrosive environments.																														CC 082A	
Hernando, Mississippi																															

APPLICATIONS:

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