

PESS145TC2M-4

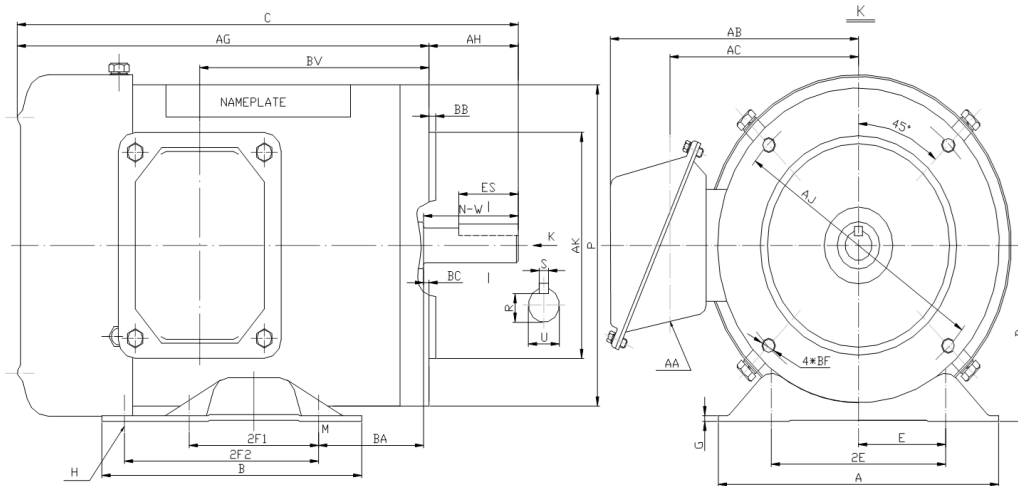
WASHDOWN DUTY MOTOR

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
2	1800	145TC	6.50	6.50	13.81	3.50	0.12	1.22*0.34	2.75	5.50	3.00	5.00	6.50	4.500	5.875	2.12

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	
11.69	2.75	0.16	0.12	4*3/8-16	0.875	0.771	0.188	1.41	2.25	0.86	5.75	4.25	7.50	6205-2RS	6205-2RS	F1

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



PESS145TC2M-4

WASHDOWN DUTY MOTOR

NEMA PREMIUM EFFICIENCY

STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET

TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION

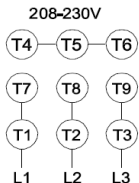
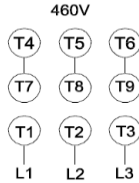
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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
2	1750	145TC	208-230/460	60	1.15	F	B	2.8	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
3.0	25.0	86.5	83.0	80.0	84.0	0.75	0.66	0.52	5.9	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	52

NAME PLATE

 North American Electric, Inc.														CONNECTION DIAGRAMS										
INVERTER DUTY 20:1 VT; 10:1 CT										WASHDOWN DUTY STAINLESS STEEL MOTORS														
CAT NO: PESS145TC2M-4					FRAME 145TC					PHASE 3														
HZ 60		S.F. 1.15		HZ 50		S.F. 1.00		ENCL TEFC		IP 66														
HP 2		RPM 1750		HP 2		RPM 1450		DUTY CONT		DES B														
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C			INS F															
FLA 6.2 - 6 / 3			FLA 7.2/3.6			DE BEARING 6205-2RS																		
CODE K		P.F. 0.75		CODE K		P.F. 0.78		ODE BEARING 6205-2RS																
EFF 86.5		MIN 84.0		EFF 84.0		MIN 81.5		LUB: Mobil Polyrex EM																
MOTOR WEIGHT 52 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.