

PESS145TC1M-6

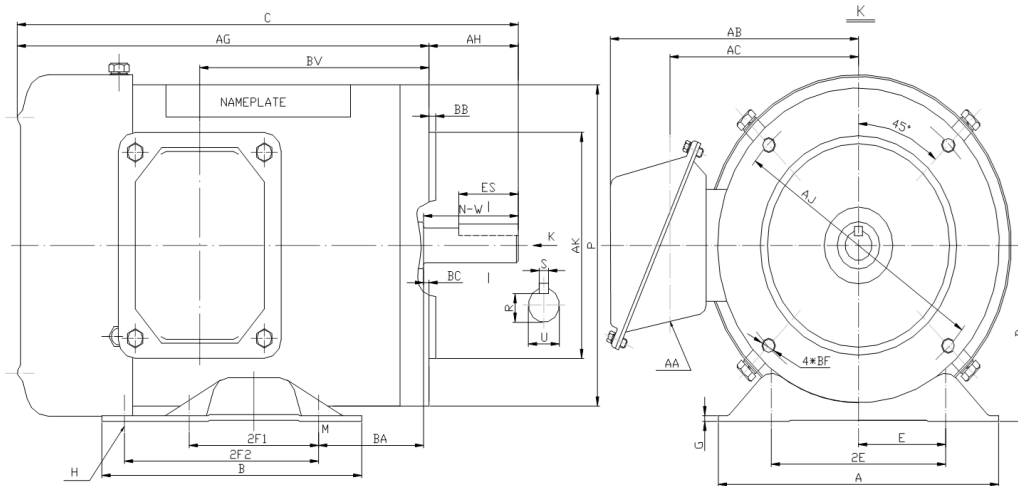
WASHDOWN DUTY MOTOR

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
1	1200	145TC	6.50	6.50	16.63	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	
10.51	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	6.30	6205-2RS	6205-2RS	F1

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



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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
1	1165	145TC	208-230/460	60	1.15	F	B	2.9	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 %				
1.9	15.0	82.5	76.0	72.0	80.0	0.61	0.59	0.50	4.4	255	270	6205-2RS	6205-2RS	9 Lead 2Y/Y	43

NAME PLATE

 North American Electric, Inc.												CONNECTION DIAGRAMS 208-230V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1L2L3 460V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1L2L3
CAT NO: PESS145TC1M-6				FRAME 145TC				PHASE 3				
HZ 60		S.F. 1.15		HZ 50		S.F. 1.00		ENCL TEFC		IP 66		
HP 1		RPM 1165		HP 1		RPM 965		DUTY CONT		DES B		
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F		
FLA 4 - 3.8 / 1.9				FLA 4.4/2.2				DE BEARING 6205-2RS				
CODE K		P.F. 0.61		CODE K		P.F. 0.63		ODE BEARING 6205-2RS				
EFF 82.5		MIN 80.0		EFF 80.0		MIN 77.0		LUB: Mobil Polyrex EM				
MOTOR WEIGHT 43 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.