

PESS254TC15M-2

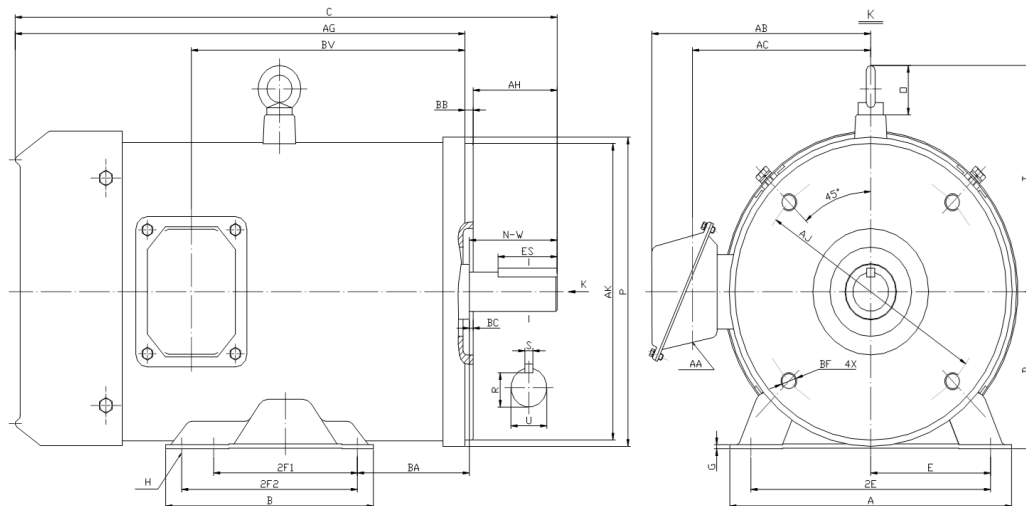
WASHDOWN DUTY MOTOR

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
15	3600	254TC	11.20	9.50	23.20	6.25	0.47	0.53	5.00	10.00	8.25	0.00	11.72	8.500	7.250	3.75

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	
19.20	4.75	0.25	0.25	4*1/2-13	1.625	1.416	0.375	2.91	4.00	1.00	9.50	7.80	12.50	6309-2RS	6309-2RS	F1

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



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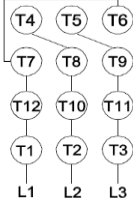
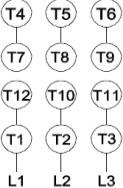
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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
15	3540	254TC	208-230/460	60	1.15	F	B	1.7	G	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 %	6309-2RS	6309-2RS	12 Lead 2Δ/Δ	253
18.5	116.0	91.0	90.5	90.0	89.5	0.90	0.85	0.76	22.0	225	260				

NAME PLATE

 North American Electric, Inc.																																											
INVERTER DUTY 20:1 VT; 10:1 CT										WASHDOWN DUTY STAINLESS STEEL MOTORS						CONNECTION DIAGRAMS																											
CAT NO: PESS254TC15M-2				FRAME 254TC				PHASE 3				208-230V																															
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 66																																	
HP 15		RPM 3540		HP 15		RPM 2935		DUTY CONT		DES B																																	
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F																																	
FLA 40 - 37 / 18.5				FLA 42/21				DE BEARING 6309-2RS																																			
CODE G		P.F. 0.90		CODE G		P.F. 0.91		ODE BEARING 6309-2RS																																			
EFF 91.0		MIN 89.5		EFF 89.5		MIN 87.5		LUB: Mobil Polyrex EM																																			
MOTOR WEIGHT 253 LBS				CONNECTION 12 Lead 2Δ/Δ				SER NO																																			
Special purpose motor designed for washdown applications and extremely corrosive environments.																																						CC 082A					
Hernando, Mississippi																																											
														460V																													
																																											

APPLICATIONS:

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