



## PESS254TC15M-4-RB

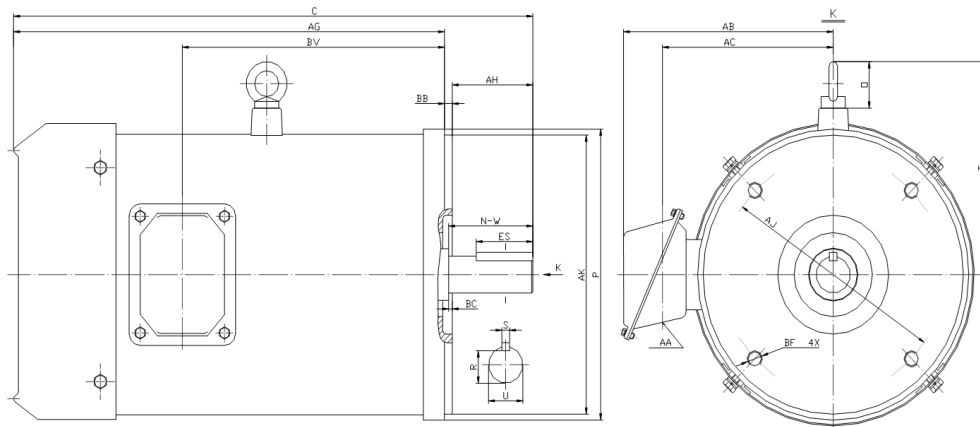
WASHDOWN DUTY MOTOR

NEMA PREMIUM EFFICIENCY

STAINLESS STEEL CONSTRUCTION - ROUND BODY (C-FLANGE FOOTLESS)

TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION

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



### DIMENSIONS

HP	RPM	Frame	MOUNTING									
			C	P	AH	AJ	AK	AG	BA	BB	BC	BF
15	1800	254TC	23.2	11.72	3.75	7.25	8.5	19.2	NA	0.25	0.25	4*1/2-13

Shaft Extension, Key Set					Conduit Box				
U	R	S	ES	N-W	AA	AB	AC	BV	
1.625	1.416	0.375	2.91	4	1	9.5	7.8	12.5	

Bearings		Mount
DE	ODE	
6309-2RS	6309-2RS	F1

**BEARING LUBRICATIONS:** The sealed bearings come lubricated with NEVASTANE XS 80 Grease which complies with FDA Chapter 21 CFR 178.3570





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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
15	1765	254TC	208-230/460	60	1.15	F	B	1.9	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%	100%	75%	50%	FLT	LRT %	BDT %				
18.5	116	92.4	92.0	91.5	0.88	0.75	0.62	44	225	260	6309-2RS	6309-2RS	12 Lead 2Δ/Δ	285

### NAME PLATE

		<b>THREE PHASE AC INDUCTION MOTOR</b> <b>INVERTER DUTY 20:1 VT; 10:1 CT</b>						Hernando, MS 38632					
		Model : PESS254TC15M-4-RB				IP 66		FRAME 254TC		LB/WT 285			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		NEMA DESIGN B					
HP 15		RPM 1765		HP 15		RPM 1465		ENCL. TEFC		INS F			
VOLTS 208-230/460				VOLTS 190/380				DUTY CONT		AMB 40° C			
AMPS 40 - 37 / 18.5				AMPS 43/21.5				DE BRG 6309-2RS					
CODE G		P.F. 0.88		CODE G		P.F. 0.90		ODE BRG 6309-2RS					
EFF 92.4		MIN 91.0		EFF 90.4		MIN 89.0		SER NO.					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>208-230V</p> </div> <div style="text-align: center;"> <p>460V</p> </div> <div style="text-align: center;"> </div> <div style="text-align: right;"> <p>CC082A</p> <p>MADE IN CHINA</p> </div> </div>													

Factory Certified for T2B

Div 2. Class I, Gr. A , B , C & D

and Class II, Gr. F & G

### APPLICATIONS:

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