



**PES145TC2M-2-RB**

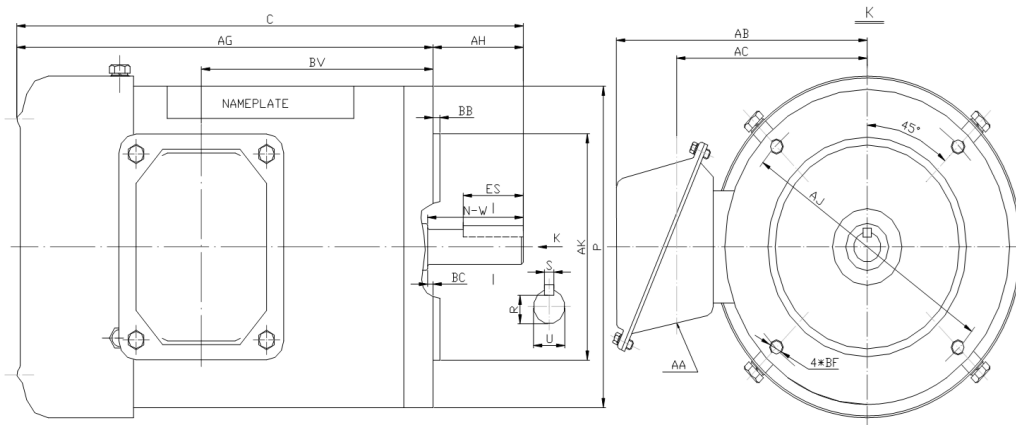
**WASHDOWN DUTY MOTOR**

**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
2	3600	145TC	13.81	6.5	2.12	5.875	4.5	11.69	NA	0.16	0.12	4*3/8-16

Shaft Extension, Key Set					Conduit Box			
U	R	S	ES	N-W	AA	AB	AC	BV
0.875	0.771	0.188	1.41	2.25	0.86	5.75	4.25	7.5

Bearings		Mount
DE	ODE	
6205-2RS	6205-2RS	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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STAINLESS STEEL CONSTRUCTION - ROUND BODY (C-FLANGE FOOTLESS)

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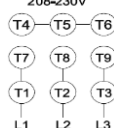
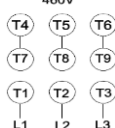



INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

### 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
2	3480	145TC	208-230/460	60	1.15	F	B	3.3	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%	100%	75%	50%	FLT	LRT %	BDT %				
2.4	25	85.5	79.0	75.0	0.90	0.85	0.78	2.9	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	45

### NAME PLATE

		THREE PHASE AC INDUCTION MOTOR						Hernando, MS 38632				
						INVERTER DUTY 20:1 VT; 10:1 CT						
Model :		PESS145TC2M-2-RB				IP	66	FRAME	145TC	LB/WT	45	
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	NEMA DESIGN	B			
HP	2	RPM	3480	HP	2	RPM	2870	ENCL.	TEFC	INS	F	
VOLTS		208-230/460			VOLTS		190/380		DUTY	CONT	AMB	40 °C
AMPS		4.9 - 4.8 / 2.4			AMPS		5.8/2.9		DE BRG		6205-2RS	
CODE	K	P.F.	0.90	CODE	K	P.F.	0.91	ODE BRG		6205-2RS		
EFF	85.5	MIN	82.5	EFF	82.5	MIN	79.5	SER NO.				
<div style="display: flex; justify-content: space-between;"> <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: center;"> <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.