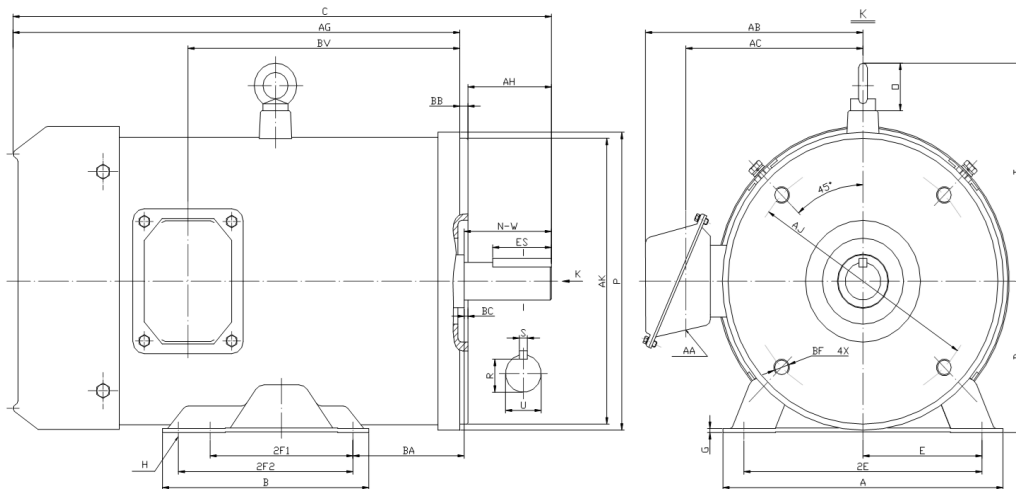




**PES184TC5M-2**

**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	AG	BA
5	3600	184TC	8.8	6.5	17	4.5	0.118	0.71*0.47	3.75	7.5	4.5	5.5	8.85	14.13	3.5

FLANGE						Shaft Extension, Key Set					Conduit Box			
AH	AJ	AK	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV
2.62	7.25	8.5	0.25	0.12	4*1/2-13	1.125	0.986	0.25	1.78	2.75	0.94	7	5.3	8.6

Bearings		Mount
DE	ODE	
6308-2RS	6306-2RS	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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**WASHDOWN DUTY MOTOR**  
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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
5	3525	184TC	230/460	60	1.15	F	B	2.1	J	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 %	6308-2RS	6306-2RS	9 Lead 2Y/Y	95
6.1	46	88.5	89.0	88.0	0.91	0.86	0.78	7.3	255	280				

\*Usable at 208 Volts

### NAME PLATE

		<b>THREE PHASE AC INDUCTION MOTOR</b> <b>INVERTER DUTY 20:1 VT; 10:1 CT</b>						Hernando, MS 38632						
Model :		PESS184TC5M-2				IP	66	FRAME	184TC	LB/WT	95			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	NEMA DESIGN	B					
HP	5	RPM	3525	HP	5	RPM	2920	ENCL.	TEFC	INS	F			
VOLTS		230/460			VOLTS		190/380		DUTY	CONT	AMB 40 °C			
AMPS		12.2/6.1			AMPS		14.4/7.2		DE BRG		6308-2RS			
CODE	J	P.F.	0.91	CODE	K	P.F.	0.92	ODE BRG		6306-2RS				
EFF	88.5	MIN	86.5	EFF	86.5	MIN	84.0	SER NO.						
								CC082A		MADE IN CHINA				

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.