

**PESS256TC20M-2**

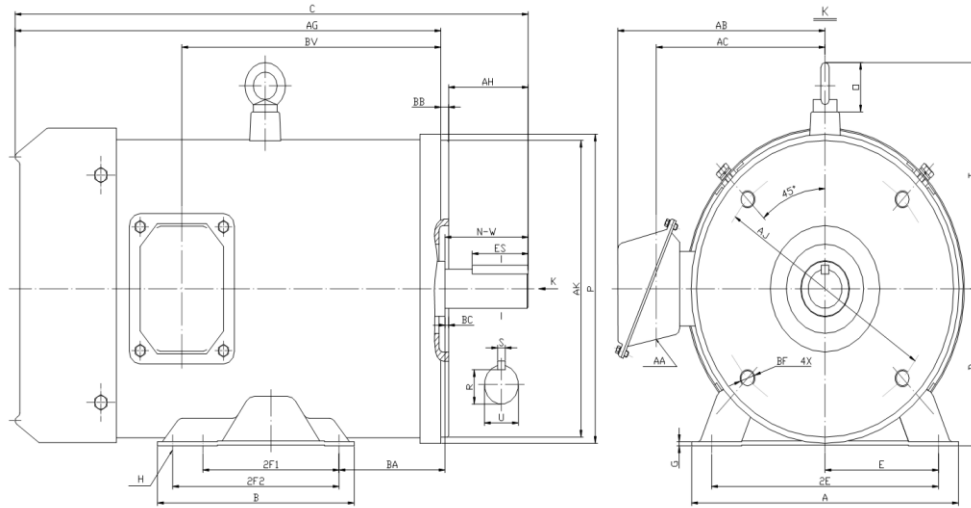
WASHDOWN DUTY MOTOR

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
20	3600	256TC	11.20	11.25	24.80	6.25	0.47	0.53	5.00	10.00	0.00	10.00	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	
20.80	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	14.10	6309-2RS	6309-2RS	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
20	3540	256TC	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 %				
23.0	145.0	91.0	90.5	90.0	89.5	0.90	0.85	0.76	29.3	200	250	6309-2RS	6309-2RS	12 Lead 2Δ/Δ	286

**NAME PLATE**

				<b>WASHDOWN DUTY STAINLESS STEEL MOTORS</b>		<b>CONNECTION DIAGRAMS</b>	
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>		<b>208-230V</b>		<b>460V</b>			
CAT NO:	PESS256TC20M-2	FRAME	256TC	PHASE	3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.2
ENCL	TEFC	IP	66	DUTY	CONT	DES	B
HP	20	RPM	3540	HP	15	RPM	2935
VOLTS	208-230/460	VOLTS	190/380	AMB	40° C	INS	F
FLA	50 - 46 / 23	FLA	42/21	DE BEARING	6309-2RS		
CODE	G	P.F.	0.90	CODE	G	P.F.	0.91
ODE BEARING	6309-2RS			LUB:	Mobil Polyrex EM		
EFF	91.0	MIN	89.5	EFF	89.5	MIN	87.5
MOTOR WEIGHT	286	LBS		CONNECTION	12 Lead 2Δ/Δ		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.