

PE182JM-3-4

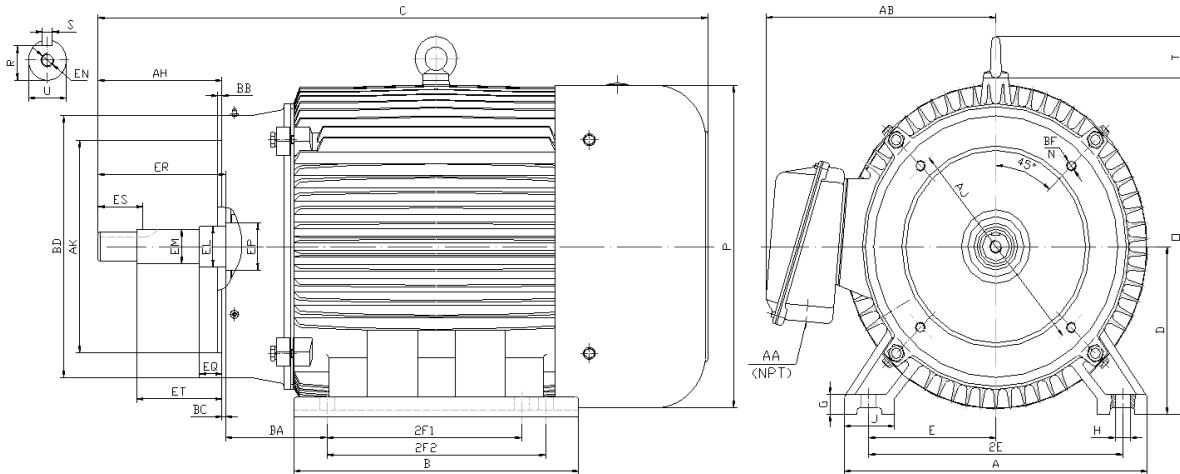
CLOSE COUPLED PUMP MOTORS

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED, JM FRAME

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

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
3	1800	182JM	9.50	7.30	18.48	4.50	0.60	0.41	2.00	3.75	7.50	4.50	5.50	9.10	8.70	1.60	3.50

FLANGE							Shaft Extension, Key Set										
AK	AJ	AH	BB	BC	BD	N*BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN
4.500	5.88	4.281	0.156	0.12	6.62	4*3/8-16	0.8745	0.771	0.190	0.640	4.25	1.65	2.890	1.57	1.250	1.0000	3/8-16
4.497		4.219	0.125				0.8740	0.756	0.188	0.610			2.860		1.248	0.9995	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
0.75	7.50	6208-ZZ	6306-ZZ	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
3	1760	182JM	208-230/460	60	1.15	F	B	2.2	K	TEFC	55	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 %				
3.8	32.0	89.5	89.1	87.6	87.5	0.770	0.700	0.580	9.0	215	300	6208-ZZ	6306-ZZ	9 Lead 2Y/Y	89

NAME PLATE

													CONNECTION DIAGRAMS 208-230V 															
INVERTER DUTY 20:1 VT; 10:1 CT										CLOSE COUPLED PUMP MOTOR																		
CAT NO:		PE182JM-3-4				FRAME		182JM		PHASE		3		460V 														
HZ		60		S.F.		1.15		HZ		50		S.F.					1.0		ENCL		TEFC		IP		55			
HP		3		RPM		1760		HP		3		RPM					1450		DUTY		CONT		DES		B			
VOLTS		208-230/460				VOLTS		190/380		AMB		40° C					INS		F									
FLA		8.2 - 7.6 / 3.8				FLA		9.8/4.9		DE BEARING		6208-ZZ																
CODE		K		P.F.		0.77		CODE		H		P.F.					0.80		ODE BEARING		6306-ZZ							
EFF		89.5		MIN		87.5		EFF		87		MIN					85.0		LUB:		Mobil Polyrex EM							
MOTOR WEIGHT		89		LBS		CONNECTION		9 Lead 2Y/Y		SER NO																		
Specifically designed for use on industrial and commercial pumping units. Hernando, Mississippi																			CC 082A									

APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.