



PE182JP-3-2

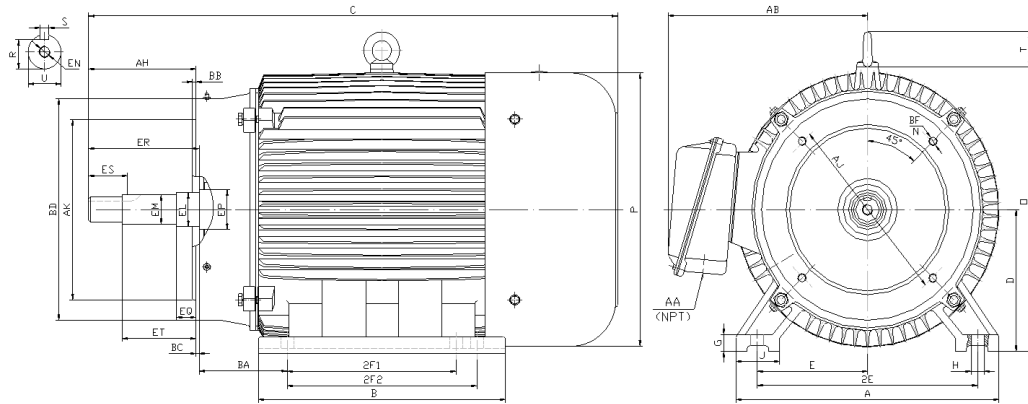
CLOSE COUPLED PUMP MOTORS

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED, JP 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	3600	182JP	9.5	7.3	21.55	4.5	0.6	0.41	2	3.75	7.5	4.5	5.5	9.1	8.7	1.6	3.5

FLANGE							Shaft Extension, Key Set										
AH	AJ	AK	BB	BC	BD	BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN
7.343	5.875	4.500	0.156	0.12	6.62	4*3/8-16	0.8745	0.771	0.190	1.578	7.312	1.65	5.952	1.57	1.250	1.0000	3/8-16
7.281		4.497	0.125				0.8740	0.756	0.188	1.548			5.922		1.248	0.9995	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
0.75	7.5	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	3520	182JP	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%	100%	75%	50%	FLT	LRT %	BDT %	6208-ZZ	6306-ZZ	9 Lead 2Y/Y	89
3.7	32	86.5	85.5	83.0	0.85	0.79	0.68	4.49	180	280				

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS							
CAT NO.		PE182JP-3-2				FRAME		182JP		PHASE		3		208-230V 			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55						
HP	3	RPM	3520	HP	3	RPM	2900	DUTY	CONT	DES	B	460V 					
VOLTS	208-230/460			VOLTS	190/380		AMB	40 °C		INS	F						
AMPS	7.9 - 7.4 / 3.7			AMPS	9/4.5		DE BRG	6208-ZZ		LUB: Mobil Polyrex EM							
CODE	K	P.F.	0.85	CODE	F	P.F.	0.89	ODE BRG	6306-ZZ								
EFF	86.5	MIN	84.0	EFF	84.5	MIN	82.0	MOTOR WEIGHT 89 LBS CONNECTION 9 Lead 2Y/Y SER NO				CC082A					
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hermando, Mississippi																	

APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.