



**PE213JP-7.5-4**

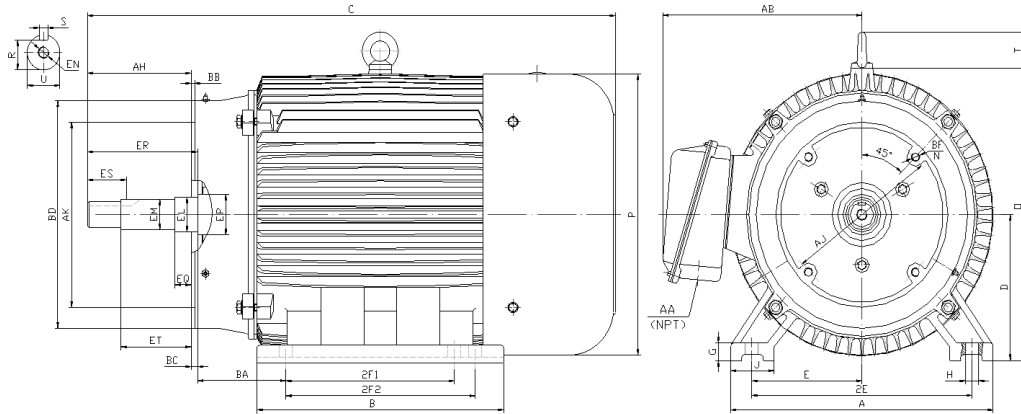
**CLOSE COUPLED PUMP MOTORS**

**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
7.5	1800	213JP	11	7.9	24.65	5.25	0.7	0.41	2.4	4.25	8.5	5.5	NA	10.5	10.2	1.9	4.25

FLANGE							Shaft Extension, Key Set										
AH	AJ	AK	BB	BC	BD	BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN
8.156	7.25	8.500	0.312	0.25	9	4*1/2-13	1.2495	1.112	0.252	2.390	8.125	2.53	5.890	1.77	1.750	1.3750	1/2-13
8.094		8.497	0.250				1.2490	1.097	0.250	2.360			5.860		1.748	1.3745	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1	8.3	6309-ZZ	6308-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
7.5	1770	213JP	230/460	60	1.15	F	B	1.7	H	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 %				
9.2	63	91.7	91.7	90.0	0.80	0.74	0.63	22.51	180	280	6309-ZZ	6308-ZZ	9 Lead 2Y/Y	159

\*Usable at 208 Volts

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO. PE213JP-7.5-4		FRAME 213JP		PHASE 3		230V						
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55	T4 T5 T6						
HP 7.5	RPM 1770	HP 7.5	RPM 1465	DUTY CONT	DES B	T7 T8 T9						
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F	T1 T2 T3						
AMPS 18.4/9.2	AMPS 23/11.5		DE BRG 6309-ZZ		L1 L2 L3							
CODE H	P.F. 0.80	CODE G	P.F. 0.83	ODE BRG 6308-ZZ		460V						
EFF 91.7	MIN 90.2	EFF 89.7	MIN 88.2	LUB: Mobil Polyrex EM		T4 T5 T6						
MOTOR WEIGHT 159 LBS	CONNECTION 9 Lead 2Y/Y		SER NO		T7 T8 T9							
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi								CC082A		T1 T2 T3 L1 L2 L3		

### APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.