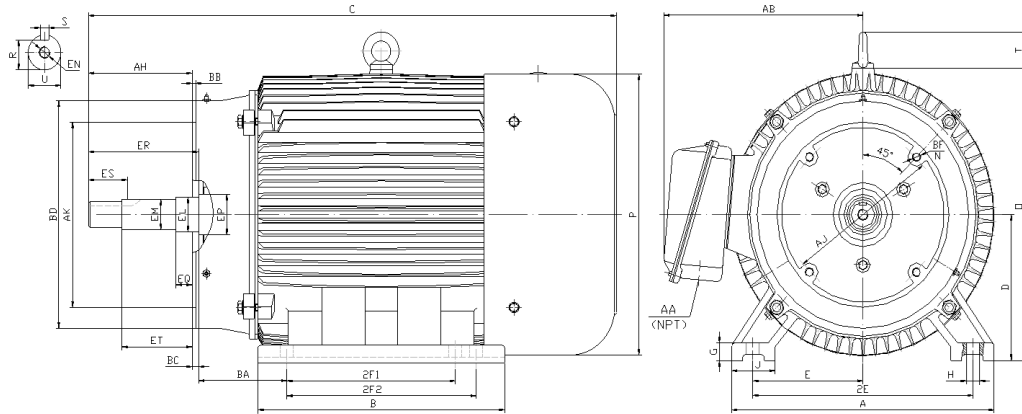




**PE215JM-10-4**

**CLOSE COUPLED PUMP MOTORS**  
**NEMA PREMIUM EFFICIENCY**  
**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
10	1800	215JM	11	9.4	22.28	5.25	0.7	0.41	2.4	4.25	8.5	5.5	7	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
4.281	7.25	8.500	0.312	0.25	9	4*1/2-13	0.8745	0.771	0.190	0.640	4.25	1.65	2.890	1.77	1.250	1.0000	3/8-16
4.219		8.497	0.250				0.8740	0.756	0.188	0.610			2.860		1.248	0.9995	

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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**AC-DC MOTORS :: SALES & SERVICE**  
**REWINDING :: CUSTOM CONTROL PANEL**

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## PE215JM-10-4

CLOSE COUPLED PUMP MOTORS

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED, JM FRAME

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

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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
10	1770	215JM	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 %				
12	81	91.7	91.8	90.0	0.81	0.77	0.67	30.02	170	280	6309-ZZ	6308-ZZ	9 Lead 2Y/Y	179

\*Usable at 208 Volts

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO. PE215JM-10-4		FRAME 215JM		PHASE 3		230V						
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55	T4		T5		T6		
HP 10	RPM 1770	HP 10	RPM 1460	DUTY CONT	DES B	T7		T8		T9		
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F	T1		T2		T3		
AMPS 24/12		AMPS 30/15		DE BRG 6309-ZZ		L1		L2		L3		
CODE H	P.F. 0.81	CODE F	P.F. 0.84	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 179 LBS	CONNECTION 9 Lead 2Y/Y		SER NO		T7							
General purpose use on industrial machinery installed in damp, dusty or dirty environments.		ISO9001 CERTIFIED		CE		CSA 272709		T1		T2		
Hernando, Mississippi		CC082A				L1		L2		L3		

### APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.



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