



PE213JM-7.5-2

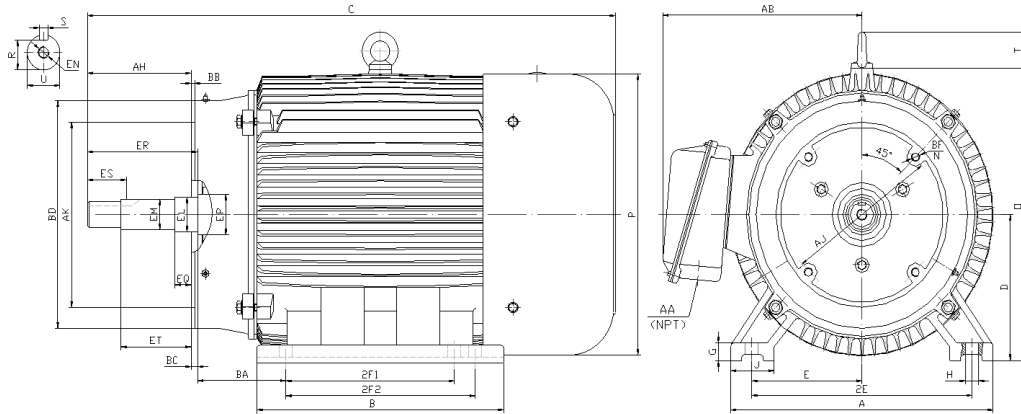
CLOSE COUPLED PUMP MOTORS

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
7.5	3600	213JM	11	7.9	20.78	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
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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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	3530	213JM	230/460	60	1.15	F	B	1.9	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 %				
8.8	63	89.5	88.5	86.0	0.90	0.87	0.81	11.19	160	290	6309-ZZ	6308-ZZ	9 Lead 2Y/Y	156

*Usable at 208 Volts

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO. PE213JM-7.5-2		FRAME 213JM		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 3530	HP 7.5	RPM 2920	DUTY CONT	DES B	T7		T8		T9		
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F	T1		T2		T3		
AMPS 17.6/8.8		AMPS 21/10.5		DE BRG 6309-ZZ		L1		L2		L3		
CODE H	P.F. 0.90	CODE E	P.F. 0.92	ODE BRG 6308-ZZ		460V						
EFF 89.5	MIN 87.5	EFF 87.5	MIN 85.5	LUB: Mobil Polyrex EM		T4		T5		T6		
MOTOR WEIGHT 156 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.