



## PE364JM-60-4

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
60	1800	364JM	17.1	14.4	32.1	9	1.15	0.66	2.95	7	14	11.25	NA	18.5	18.4	2.6	5.88

FLANGE							Shaft Extension, Key Set										
AH	AJ	AK	BB	BC	BD	BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN
5.281	11	12.500	0.312	0.25	14	8*5/8-11	1.2495	1.112	0.252	0.645	5.25	2.53	3.020	2.558	1.750	1.3750	1/2-13
5.219		12.495	0.250				1.2490	1.097	0.250	0.605			2.980		1.748	1.3745	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
3	15	6313	6313	F1

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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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
60	1780	364JM	208-230/460	60	1.15	F	B	1.1	G	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 %				
69.5	435	95.0	95.0	94.1	0.85	0.83	0.75	177.55	160	240	6313	6313	12 Lead 2Δ/Δ	788

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT									CONNECTION DIAGRAMS				
CAT NO.		PE364JM-60-4				FRAME		364JM		PHASE 3			<b>208-230V</b> 		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55				
HP	60	RPM	1780	HP	60	RPM	1480	DUTY CONT	DES	B			<b>460V</b> 		
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C		INS		F							
AMPS 154 - 139 / 69.5		AMPS 168/84		DE BRG 6313		ODE BRG 6313									
CODE	G	P.F.	0.85	CODE	F	P.F.	0.86	LUB: Mobil Polyrex EM							
EFF	95.0	MIN	95.0	EFF	93.8	MIN	92.6	SER NO							
MOTOR WEIGHT 788 LBS		CONNECTION 12 Lead 2Δ/Δ													
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										CC082A					

### APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.