



## PE365JM-75-2

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
75	3600	365JM	17.1	15.4	33.1	9	1.15	0.66	2.95	7	14	11.25	12.25	18.1	17.6	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	14.6	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
75	3565	365JM	230/460	60	1.15	F	B	1.0	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 %				
83	542	93.6	92.5	92.4	0.91	0.89	0.84	110.69	130	250	6313	6313	12 Lead 2Δ/Δ	853

\*Usable at 208 Volts

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS 230V		
CAT NO. PE365JM-75-2		FRAME 365JM		PHASE 3								
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55							
HP 75	RPM 3565	HP 75	RPM 2960	DUTY CONT	DES B							
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F							
AMPS 166/83		AMPS 200/100		DE BRG 6313								
CODE G	P.F. 0.91	CODE F	P.F. 0.92	ODE BRG 6313								
EFF 93.6	MIN 93.0	EFF 92.0	MIN 90.8	LUB: Mobil Polyrex EM								
MOTOR WEIGHT 853 LBS		CONNECTION 12 Lead 2Δ/Δ		SER NO		460V 						
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.