



PE365JM-75-4

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
75	1800	365JM	17.1	15.4	33.1	9	1.15	0.66	2.95	7	14	11.25	12.25	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
75	1780	365JM	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 %				
87	542	95.4	95.5	94.5	0.85	0.82	0.75	221.95	160	250	6313	6313	12 Lead 2Δ/Δ	833

*Usable at 208 Volts

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT									CONNECTION DIAGRAMS 230V					
CAT NO. PE365JM-75-4		FRAME 365JM		PHASE 3												
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55											
HP 75	RPM 1780	HP 75	RPM 1480	DUTY CONT	DES B											
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F											
AMPS 174/87		AMPS 210/105		DE BRG 6313												
CODE G	P.F. 0.85	CODE F	P.F. 0.86	ODE BRG 6313												
EFF 95.4	MIN 95.5	EFF 94.0	MIN 93.1	LUB: Mobil Polyrex EM												
MOTOR WEIGHT 833 LBS		CONNECTION 12 Lead 2Δ/Δ		SER NO												
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.