



## PE365JM-75-2

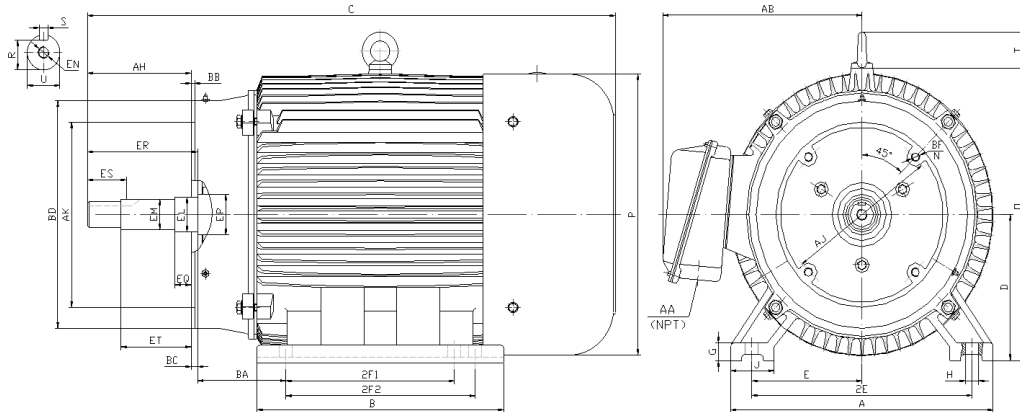
CLOSE COUPLED PUMP MOTORS

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	208-230/460	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

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
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		208-230/460			VOLTS		190/380		AMB	40 °C		
AMPS		184 - 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				
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										CC082A		
208-230V 												
460V 												

### APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.