



PE364JM-60-2

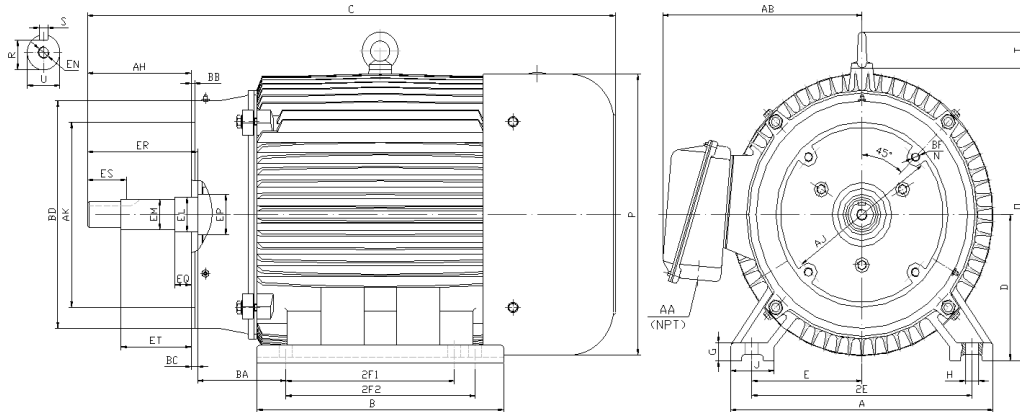
CLOSE COUPLED PUMP MOTORS

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
60	3600	364JM	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
60	3565	364JM	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 %				
66	435	93.6	92.4	92.4	0.92	0.90	0.85	88.55	140	255	6313	6313	12 Lead 2Δ/Δ	815

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS			
CAT NO.		PE364JM-60-2				FRAME		364JM		PHASE 3			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55		
HP	60	RPM	3565	HP	60	RPM	2960	DUTY CONT	DES	B			
VOLTS		208-230/460				VOLTS		190/380		AMB	40 °C	INS	F
AMPS		146 - 132 / 66		AMPS		160/80		DE BRG		6313			
CODE		G	P.F.	0.92	CODE		F	P.F.	0.93	ODE BRG		6313	
EFF		93.6	MIN	93.0	EFF		92.0	MIN	90.8	LUB: Mobil Polyrex EM			
MOTOR WEIGHT		815		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.