

PE364JM-60-2

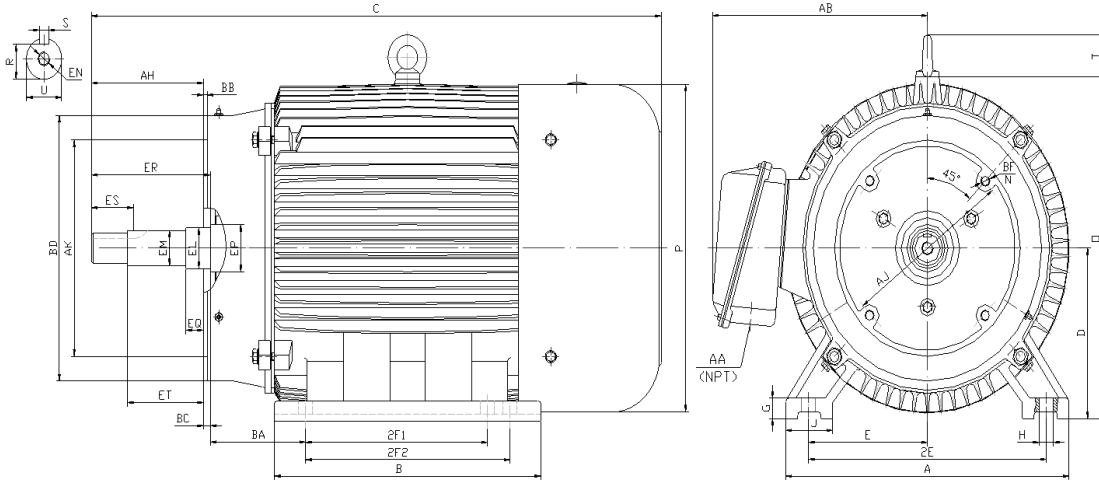
CLOSE COUPLED PUMP MOTORS

NEMA PREMIUM EFFICIENCY

THREE PHASE, 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	17.10	15.40	33.10	9.00	1.15	0.66	2.95	7.00	14.00	11.25	12.25	18.10	17.60	2.60	5.88

FLANGE								Shaft Extension, Key Set										
AK	AJ	AH	BB	BC	BD	N*BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN	
12.500 12.495	11.00	5.281 5.219	0.312 0.250	0.25	14.0	8*5/8-11	1.2495 1.2490	1.112 1.097	0.252 0.250	0.645 0.605	5.25	2.53	3.020 2.980	2.56	1.750 1.748	1.3750 1.3745	1/2-13	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
3.00	14.60	6313	6313	

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





PE364JM-60-2

CLOSE COUPLED PUMP MOTORS

NEMA PREMIUM EFFICIENCY

THREE PHASE, 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

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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
66.0	435.0	93.6	92.4	92.4	93.0	0.920	0.900	0.850	88.6	140	255	6313	6313	12 Lead 2Δ/Δ	815

NAME PLATE

				INVERTER DUTY 20:1 VT; 10:1 CT		CLOSE COUPLED PUMP MOTOR		CONNECTION DIAGRAMS		
CAT NO: PE364JM-60-2		FRAME: 364JM		PHASE: 3		208-230V				
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					
FLA: 146 - 132 / 66	FLA: 160/80		DE BEARING: 6313							
CODE: G	P.F.: 0.92	CODE: F	P.F.: 0.93	ODE BEARING: 6313						
EFF: 93.6	MIN: 93.0	EFF: 92	MIN: 90.8	LUB: Mobil Polyrex EM				460V		
MOTOR WEIGHT: 815 LBS		CONNECTION: 12 Lead 2Δ/Δ		SER NO:						
Specifically designed for use on industrial and commercial pumping units. Hernando, Mississippi								CC 082A		

APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.