

**PE254JM-15-2**

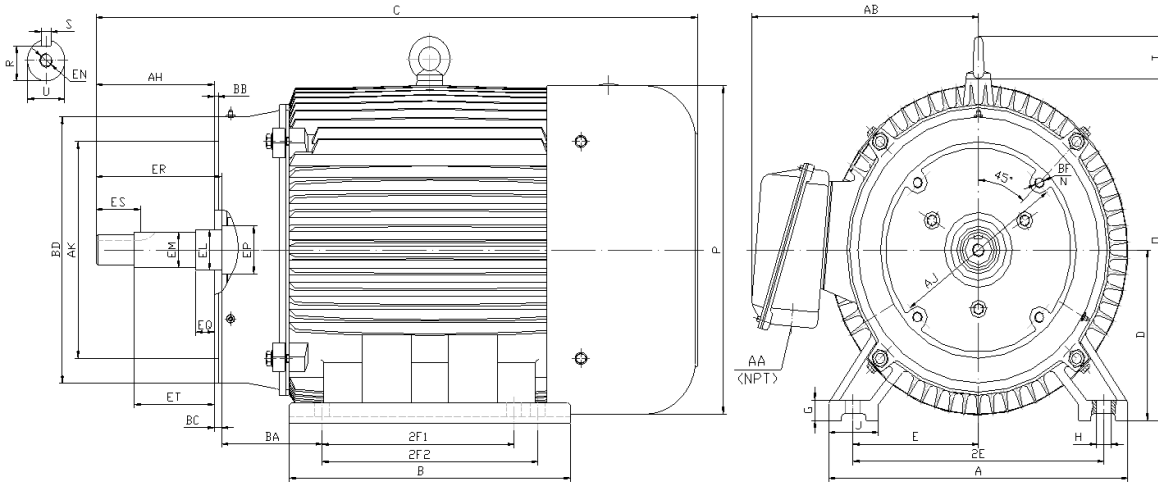
**CLOSE COUPLED PUMP MOTORS**

**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
15	3600	254JM	13.00	12.20	24.70	6.25	0.70	0.53	2.75	5.00	10.00	8.25	NA	13.00	12.40	2.20	4.75

FLANGE							Shaft Extension, Key Set										
AK	AJ	AH	BB	BC	BD	N*BF	U	R	S	EQ	ER	ES	ET	EP	EL	EM	EN
8.500 8.497	7.25	5.281 5.219	0.312 0.250	0.25	10.0	4*1/2-13	1.2495 1.2490	1.112 1.097	0.252 0.250	0.640 0.610	5.25	2.53	3.015 2.985	1.77	1.750 1.748	1.3750 1.3745	1/2-13

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1.25	10.10	6309	6309	

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





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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
15	3545	254JM	208-230/460	60	1.15	F	B	1.5	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 %				
17.2	116.0	91.0	91.0	90.0	89.5	0.890	0.870	0.800	22.2	150	260	6309	6309	12 Lead 2Δ/Δ	261

### NAME PLATE

				<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>		<b>CLOSE COUPLED PUMP MOTOR</b>		<b>CONNECTION DIAGRAMS</b>		
CAT NO: PE254JM-15-2		FRAME 254JM		PHASE 3				<b>208-230V</b> 		
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55					
HP 15	RPM 3545	HP 15	RPM 2930	DUTY CONT	DES B					
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F					
FLA 36.2 - 34.4 / 17.2	FLA 42/21		DE BEARING 6309							
CODE G	P.F. 0.89	CODE F	P.F. 0.90	ODE BEARING 6309						
EFF 91.0	MIN 89.5	EFF 89	MIN 87.5	LUB: Mobil Polyrex EM						
MOTOR WEIGHT 261 LBS	CONNECTION 12 Lead 2Δ/Δ		SER NO						<b>460V</b> 	
Specifically designed for use on industrial and commercial pumping units.								CC 082A		
Hernando, Mississippi										

### APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.