

**PE254JP-15-4**

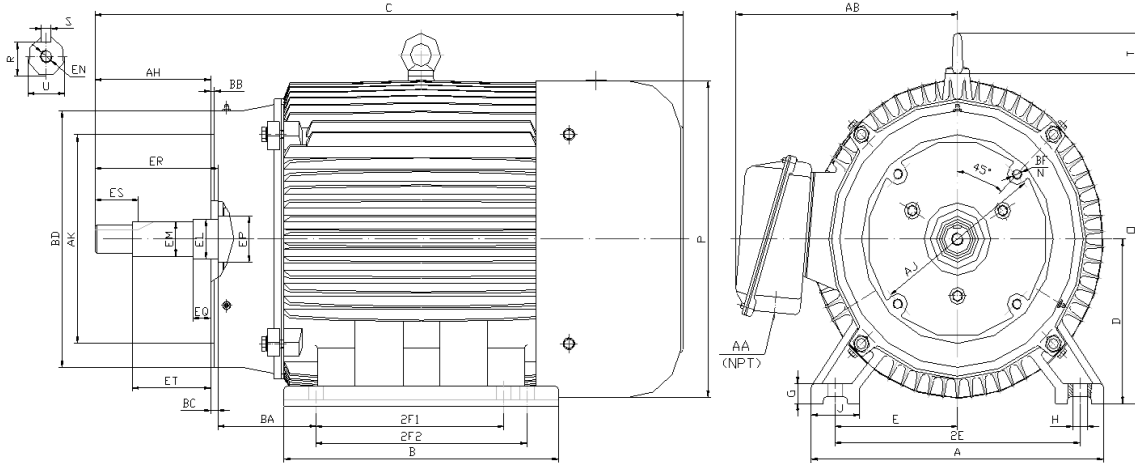
**CLOSE COUPLED PUMP MOTORS**

**NEMA PREMIUM EFFICIENCY**

**THREE PHASE, TOTALLY ENCLOSED FAN COOLED, JP 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	1800	254JP	13.00	12.20	27.58	6.25	0.70	0.53	2.75	5.00	10.00	8.25	NA	13.20	12.80	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	7.25	8.156	0.312	0.25	10.0	4*1/2-13	1.2495	1.112	0.252	2.390	8.13	2.53	5.890	1.77	1.750	1.3750	1/2-13
8.497		8.094	0.250				1.2490	1.097	0.250	2.360			5.860		1.748	1.3745	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1.25	10.30	6309	6309	F1

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





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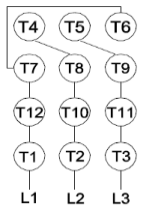
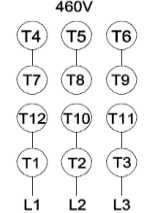



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### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
15	1770	254JP	208-230/460	60	1.15	F	B	1.7	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 %	6309	6309	12 Lead 2Δ/Δ	281
18.2	116.0	92.4	92.2	92.0	91.0	0.810	0.760	0.660	44.8	170	260				

### NAME PLATE

 <b>North American Electric, Inc.</b>													<b>CONNECTION DIAGRAMS</b> <b>208-230V</b> 		
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>										<b>CLOSE COUPLED PUMP MOTOR</b>					
CAT NO: PE254JP-15-4			FRAME 254JP			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 15	RPM 1770	HP 15	RPM 1460	DUTY CONT	DES B										
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C			INS F						
FLA 37.2 - 36.4 / 18.2		FLA 45/22.5			DE BEARING 6309										
CODE G	P.F. 0.81	CODE F	P.F. 0.83	ODE BEARING 6309											
EFF 92.4	MIN 91.0	EFF 90.4	MIN 89.0	LUB: Mobil Polyrex EM											
MOTOR WEIGHT 281 LBS		CONNECTION 12 Lead 2Δ/Δ			SER NO						<b>460V</b> 				
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.