

**PE324JP-40-2**

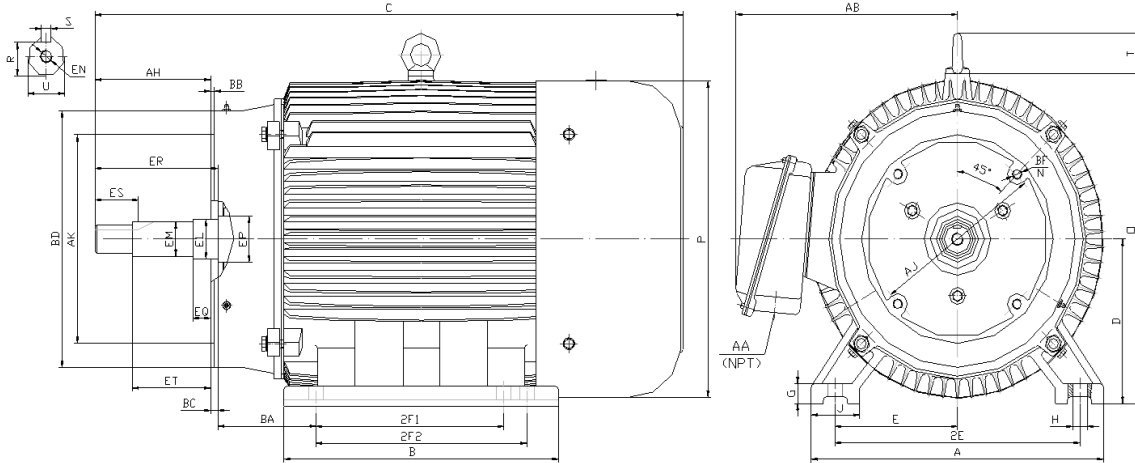
**CLOSE COUPLED PUMP MOTORS**

**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
40	3600	324JP	15.50	14.70	32.93	8.00	1.00	0.66	2.75	6.25	12.50	10.50	NA	15.90	15.70	2.60	5.25

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	11.00	8.156	0.312	0.25	14.0	4*5/8-11	1.2495	1.112	0.252	2.395	8.13	2.53	5.895	2.36	1.750	1.3750	1/2-13
12.495		8.094	0.250				1.2490	1.097	0.250	2.355			5.855		1.748	1.3745	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
2.00	12.30	6312	6312	F1

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





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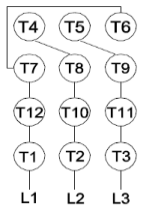
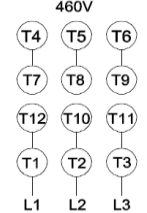



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### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
40	3545	324JP	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 %	6312	6312	12 Lead 2Δ/Δ	542
45.5	290.0	92.4	92.0	91.0	91.0	0.900	0.880	0.830	59.2	140	250				

### 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: PE324JP-40-2			FRAME 324JP			PHASE 3				<b>460V</b> 							
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55												
HP 40	RPM 3545	HP 40	RPM 2935	DUTY CONT	DES B												
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C		INS F											
FLA 94.9 - 91 / 45.5	FLA 110/55			DE BEARING 6312													
CODE G	P.F. 0.90	CODE F	P.F. 0.91	ODE BEARING 6312													
EFF 92.4	MIN 91.0	EFF 90.7	MIN 89.5	LUB: Mobil Polyrex EM													
MOTOR WEIGHT 542 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.