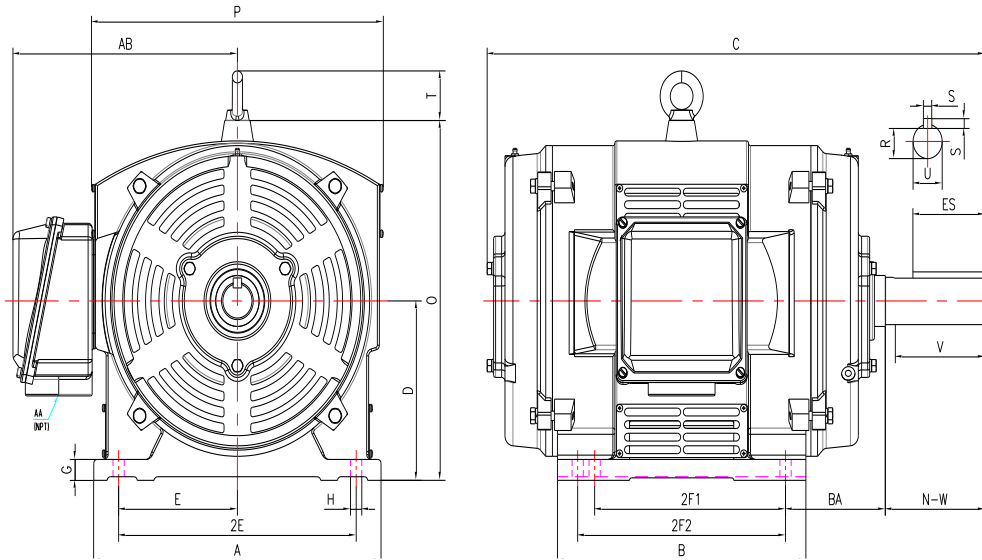


**PE326T-50-4-ODP**

**GENERAL PURPOSE ELECTRIC MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**CAST IRON CONSTRUCTION - OPEN DRIP PROOF**  
**INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**



**DIMENSIONS**

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
50	1800	326T	14.60	13.95	27.10	8.00	0.85	0.66	NA	6.25	12.50	10.50	12.00	16.10	15.35	2.60	5.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.13	5.00	1.85	0.50	3.91	5.25	2.00	11.40	6312	6312	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





## PE326T-50-4-ODP

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

CAST IRON CONSTRUCTION - OPEN DRIP PROOF



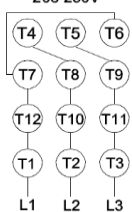



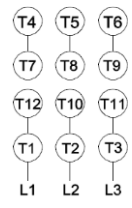
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

### 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
50	1778	326T	208-230/460	60	1.15	F	B	1.22	G	ODP	23	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 %				
59.0	362.0	94.5	94.5	94.0	93.6	0.83	0.80	0.70	148.4	170	260	6312	6312	12 Lead 2Δ/Δ	569

### 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>															
CAT NO: PE326T-50-4-ODP			FRAME 326T				PHASE 3								
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL ODP		IP 23					
HP 50		RPM 1778		HP 50		RPM 1475		DUTY CONT		DES B					
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F					
FLA 130 - 118 / 59		FLA 143/72				DE BEARING 6312									
CODE G		P.F. 0.83		CODE D		P.F. 0.85		ODE BEARING 6312							
EFF 94.5		MIN 93.6		EFF 93		MIN 91.8		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 569 LBS		CONNECTION 12 Lead 2Δ/Δ				SER NO									
General purpose use on industrial machinery installed in environments with minimal dirt and moisture. Hernando, Mississippi										   CC 082A					
										<b>460V</b> 					

### APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in environments with minimal dirt and moisture.