

## PE326TS-50-2

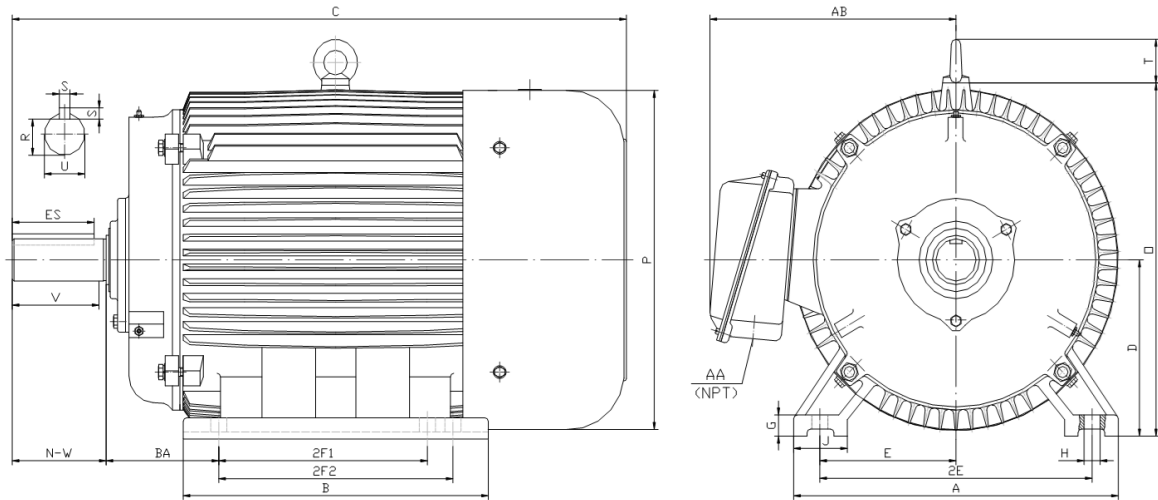
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

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
50	3600	326TS	15.50	14.70	29.80	8.00	1.00	0.66	2.75	6.25	12.50	10.50	12.00	15.90	15.70	2.60	5.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.875	3.50	1.591	0.500	2.03	3.75	2.00	12.30	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





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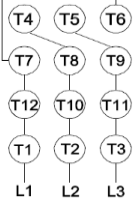




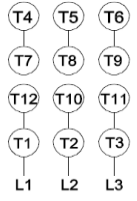
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

### 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
50	3545	326TS	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	568
58.1	362	93.0	92.1	91.4	91.7	0.910	0.880	0.810	73.9	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>															
CAT NO:		PE326TS-50-2			FRAME		326TS		PHASE		3				
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55				
HP	50	RPM	3545	HP	50	RPM	2930	DUTY	CONT	DES	B				
VOLTS		208-230/460			VOLTS		190/380		AMB	40° C	INS				F
FLA	124 - 116.2 / 58.1			FLA	134/67			DE BEARING		6312					
CODE	G	P.F.	0.91	CODE	F	P.F.	0.92	ODE BEARING		6312					
EFF	93.0	MIN	91.7	EFF	91.3	MIN	90	LUB:		Mobil Polyrex EM					
MOTOR WEIGHT	568	LBS	CONNECTION		12 Lead 2Δ/Δ		SER NO								
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										   					
										<b>460V</b> 					

### APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.