

PE326TC-50-2

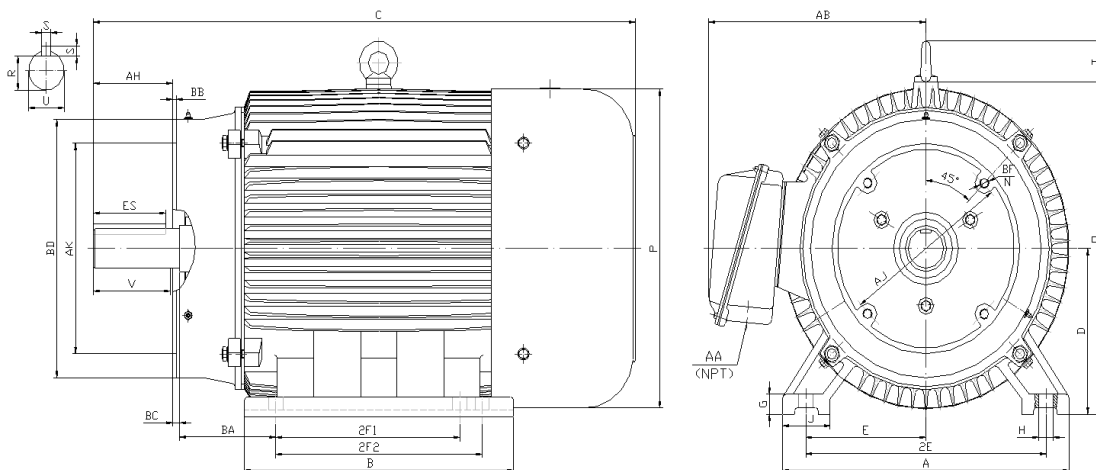
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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	326TC	15.50	14.70	31.30	8.00	1.00	0.66	2.75	6.25	12.50	10.50	12.00	15.90	15.70	2.60	5.25

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
5.00	11.00	12.50	0.25	0.25	14.00	4*5/8-11	2.13	5.00	1.85	0.50	3.91	NA	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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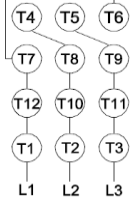
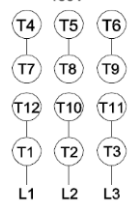
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
50	3545	326TC	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 %				
58.1	362.0	93.0	92.1	91.4	91.7		0.910	0.880	0.810	73.9	140	250	6312	6312	12 Lead 2Δ/Δ	586

NAME PLATE

North American Electric, Inc. 										CONNECTION DIAGRAMS 208-230V  460V 
CAT NO: PE326TC-50-2			FRAME 326TC			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 586 LBS			CONNECTION 12 Lead 2Δ/Δ			SER NO				
General purpose use on industrial machinery installed in damp, dusty or dirty environments. ISO9001 CERTIFIED CE  CC 082A Hernando, Mississippi										

APPLICATIONS:

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