

**PE444T-125-4C**

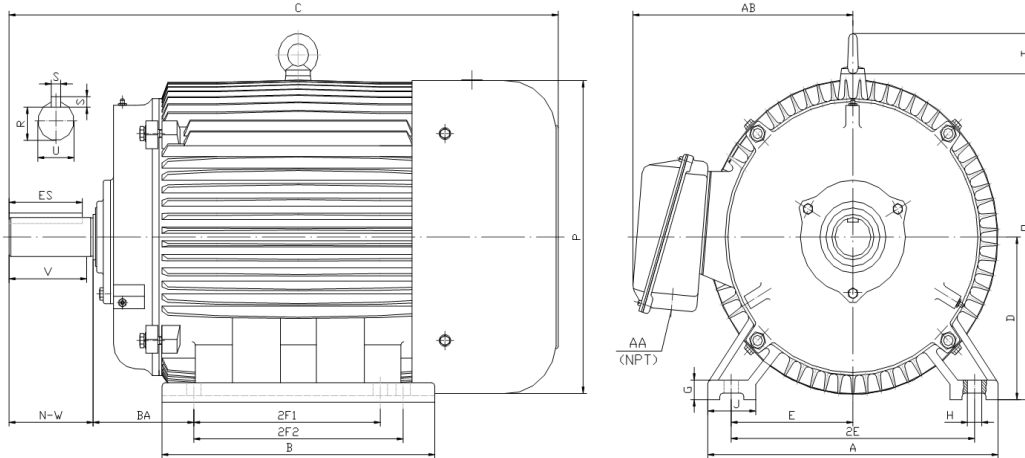
GENERAL PURPOSE ELECTRIC MOTOR

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
125	1800	444T	21.70	22.90	44.30	11.00	1.35	0.81	3.35	9.00	18.00	14.50	16.50	22.10	21.60	3.00	7.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.375	8.25	2.880	0.875	6.91	8.50	3.00	19.00	NU319	6318	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





## PE444T-125-4C

GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

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



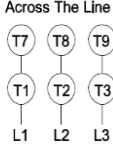
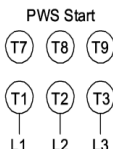



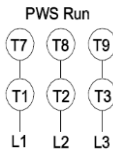
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

### 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
125	1785	444T	460	60	1.15	F	C	0.8	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 %				
145.0	907	95.4	95.4	95.0	94.5	0.870	0.860	0.810	368.9	200	270	NU319	6318	6 Lead Δ	1532

### NAME PLATE

 <b>North American Electric, Inc.</b>													CONNECTION DIAGRAMS (460V)		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE444T-125-4C		FRAME 444T		PHASE 3											
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 125	RPM 1785	HP 125	RPM 1485	DUTY CONT	DES C										
VOLTS 460		VOLTS 380		AMB 40° C	INS F										
FLA 145.0	FLA 170		DE BEARING NU319												
CODE G	P.F. 0.87	CODE F	P.F. 0.88	ODE BEARING 6318											
EFF 95.4	MIN 94.5	EFF 94.2	MIN 93.3	LUB: Mobil Polyrex EM											
MOTOR WEIGHT 1532.0 LBS	CONNECTION 6 Lead Δ		SER NO												
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi															
   CC 082A															

### APPLICATIONS:

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