

PE444T-125-4C

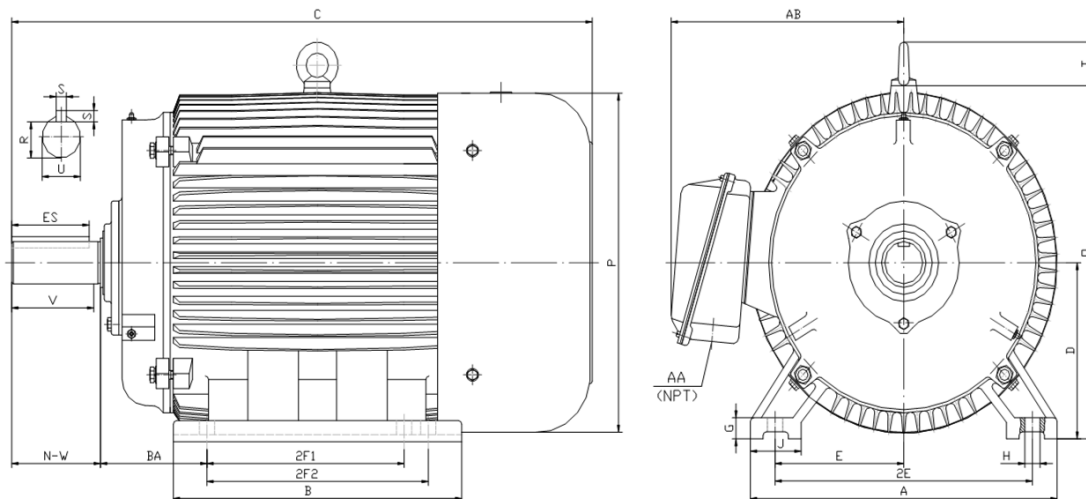
CRUSHER DUTY ELECTRIC MOTOR

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





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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
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 %	NU319	6318	6 Lead Δ	1532
145.0	907	95.4	95.4	95.0	94.5	0.870	0.860	0.810	368.9	200	270				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS (460V)	
INVERTER DUTY 20:1 VT; 10:1 CT										Across The Line T7 T1 L1 T8 T2 L2 T9 T3 L3	
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.    CC 082A Hernando, Mississippi										PWS Start T7 T1 L1 T8 T2 L2 T9 T3 L3	
										PWS Run T7 T1 L1 T8 T2 L2 T9 T3 L3	

APPLICATIONS:

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