

PE447T-125-8C

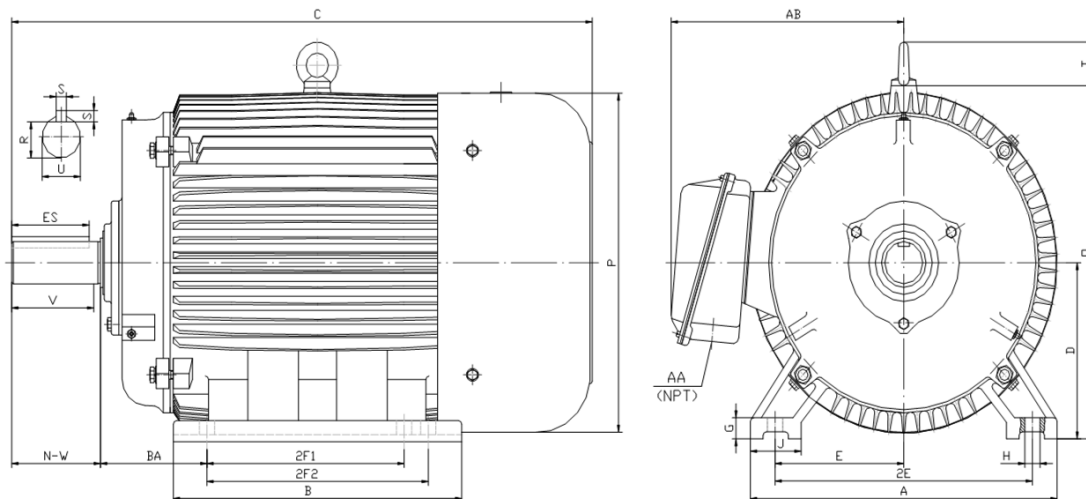
CRUSHER DUTY ELECTRIC MOTOR

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	900	447T	21.70	26.40	47.80	11.00	1.35	0.81	3.35	9.00	18.00	16.50	20.00	23.00	23.40	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	19.90	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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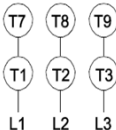
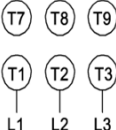
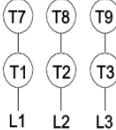
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
125	890	447T	460	60	1.15	F	C	1.1	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	1680
158.0	907	94.1	94.1	93.5	93.0	0.790	0.750	0.640	740.0	200	230				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS (460V)			
INVERTER DUTY 20:1 VT; 10:1 CT													
CAT NO:			PE447T-125-8C			FRAME		447T		PHASE 3			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55			
HP 125		RPM 890		HP 125		RPM 735		DUTY CONT		DES C			
VOLTS 460			VOLTS 380			AMB 40° C		INS F					
FLA 158.0			FLA 190			DE BEARING NU319							
CODE G		P.F. 0.79		CODE F		P.F. 0.81		ODE BEARING 6318					
EFF 94.1		MIN 93.0		EFF 92.4		MIN 91		LUB: Mobil Polyrex EM					
MOTOR WEIGHT 1680.0 LBS			CONNECTION 6 Lead Δ				SER NO						
General purpose use on industrial machinery installed in damp, dusty or dirty environments.  CC 082A Hernando, Mississippi												Across The Line 	
PWS Start 													
PWS Run 													

APPLICATIONS:

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