

PE449T-150-8C

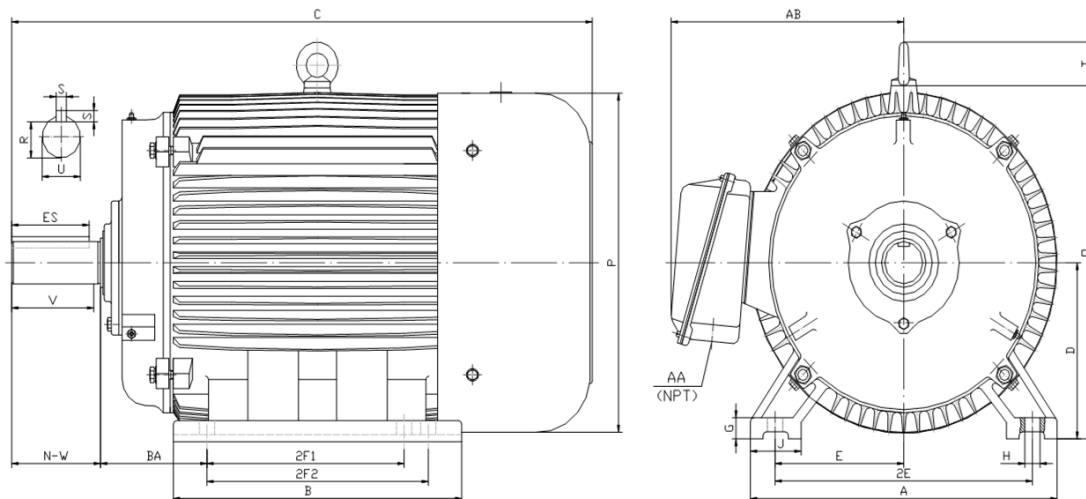
CRUSHER DUTY ELECTRIC MOTOR

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
150	900	449T	21.70	31.40	52.80	11.00	1.35	0.81	3.35	9.00	18.00	20.00	25.00	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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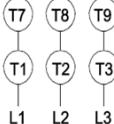
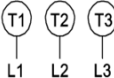
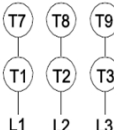
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
150	885	449T	460	60	1.15	F	C	1.7	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	1975
180.0	1085	94.1	94.1	93.5	93.0	0.830	0.750	0.650	890.0	200	225				

NAME PLATE

 North American Electric, Inc.  INVERTER DUTY 20:1 VT; 10:1 CT												CONNECTION DIAGRAMS (460V)			
CAT NO: PE449T-150-8C												FRAME 449T		PHASE 3	
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55					
HP 150		RPM 885		HP 150		RPM 740		DUTY CONT		DES C					
VOLTS 460				VOLTS 380				AMB 40° C		INS F					
FLA 180.0				FLA 220				DE BEARING NU319							
CODE G		P.F. 0.83		CODE F		P.F. 0.84		ODE BEARING 6318							
EFF 94.1		MIN 93.0		EFF 92.5		MIN 91.4		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 1975.0 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.