



PE405T-75-6C

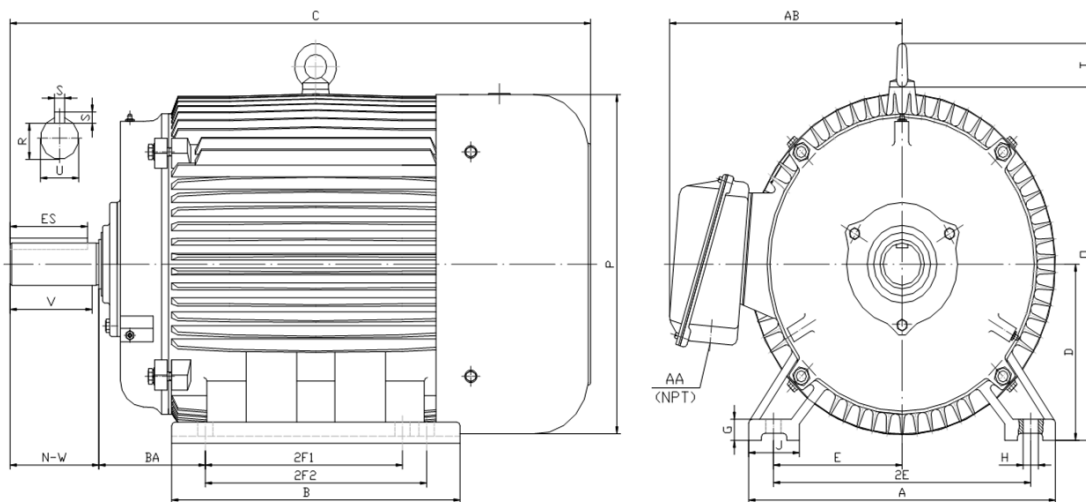
CRUSHER DUTY ELECTRIC MOTOR

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
75	1200	405T	19.30	17.90	38.00	10.00	1.25	0.81	3.15	8.00	16.00	12.25	13.75	21.10	21.60	2.60	6.62

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.875	7.00	2.450	0.750	5.65	7.25	3.00	16.60	NU318	6314	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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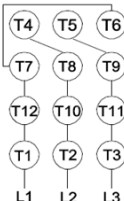
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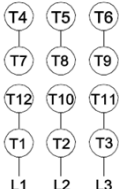
PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
75	1190	405T	208-230/460	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 %	NU318	6314	12 Lead 2Δ/Δ	1140
87.0	542	94.5	94.8	94.5	93.6	0.830	0.820	0.760	335.0	200	240				

NAME PLATE

 North American Electric, Inc. 										CONNECTION DIAGRAMS 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT												
CAT NO: PE405T-75-6C				FRAME 405T			PHASE 3					
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC IP 55				
HP 75		RPM 1190		HP 75		RPM 990		DUTY CONT DES C				
VOLTS 208-230/460				VOLTS 190/380			AMB 40° C		INS F			
FLA 193 - 174 / 87				FLA 216/108			DE BEARING NU318					
CODE G		P.F. 0.83		CODE F		P.F. 0.84		ODE BEARING 6314				
EFF 94.5		MIN 93.6		EFF 93		MIN 92.1		LUB: Mobil Polyrex EM				
MOTOR WEIGHT 1140 LBS				CONNECTION 12 Lead 2Δ/Δ			SER NO					
General purpose use on industrial machinery installed in damp, dusty or dirty environments.    CC 082A Hernando, Mississippi												

										460V 

APPLICATIONS:

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