

PE447TSC-200-2

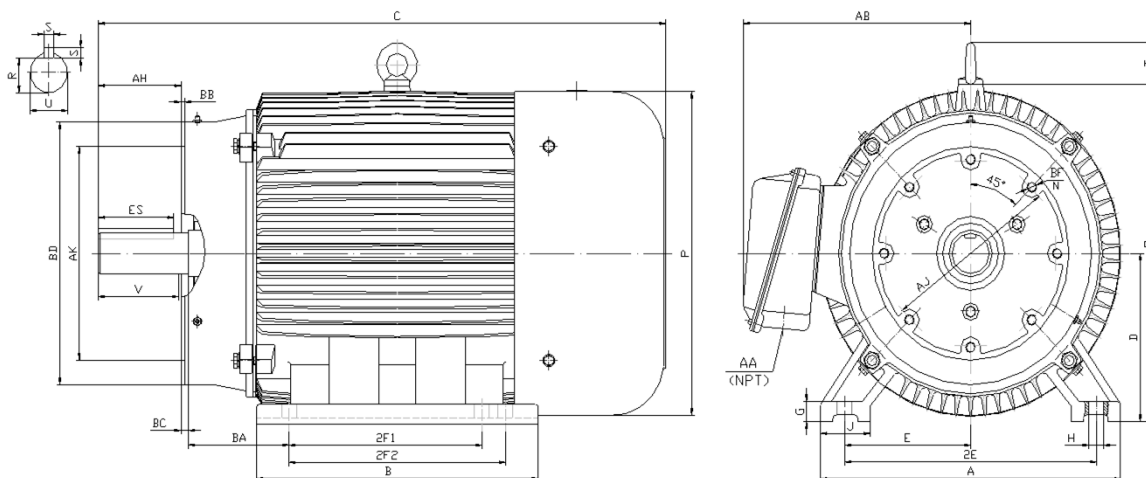
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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
200	3600	447TSC	21.70	26.40	44.10	11.00	1.35	0.81	3.35	9.00	18.00	16.50	20.00	23.00	23.40	3.00	7.50

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
4.50	14.00	16.00	0.25	0.25	18.00	8*5/8-11	2.38	4.50	2.02	0.63	3.03	4.75	3.00	19.90	6314	6314	

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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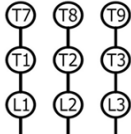
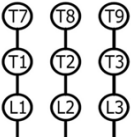
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
200	3580	447TSC	460	60	1.15	F	B	0.6	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 %				
213.0	1450	95.4	94.8	94.3	94.5	0.920	0.900	0.860	293.9	130	240	6314	6314	6 Lead Δ	1584

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS (460V)					
INVERTER DUTY 20:1 VT; 10:1 CT										ACROSS THE LINE								
CAT NO: PE447TSC-200-2				FRAME 447TSC				PHASE 3										
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55								
HP 200		RPM 3580		HP 200		RPM 2980		DUTY CONT		DES B								
VOLTS 460			VOLTS 380			AMB 40° C			INS F									
FLA 213.0			FLA 262			DE BEARING 6314												
CODE G		P.F. 0.92		CODE F		P.F. 0.92		ODE BEARING 6314										
EFF 95.4		MIN 94.5		EFF 94.1		MIN 93		LUB: Mobil Polyrex EM										
MOTOR WEIGHT 1584 LBS			CONNECTION 6 Lead Δ			SER NO												
General purpose use on industrial machinery installed in damp, dusty or dirty environments.										ISO9001 CERTIFIED							CC 082A	
Hernando, Mississippi																		

APPLICATIONS:

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