



PE447TS-200-2

GENERAL PURPOSE 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
200	3600	447TS	21.7	26.4	44.1	11	1.35	0.81	3.35	9	18	16.5	20	23	23.4	3	7.5

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.375	4.5	2.021	0.625	3.03	4.75	3	19.9	6314	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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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	447TS	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%	100%	75%	50%	FLT	LRT %	BDT %				
222	1450	95.4	94.8	94.3	0.92	0.90	0.86	293.9	130	240	6314	6314	6 Lead Δ	1761

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS							
CAT NO.		PE447TS-200-2				FRAME		447TS		PHASE		3		Across The Line 			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55		PWS Start 				
HP	200	RPM	3580	HP	200	RPM	2980	DUTY CONT	DES		B		PWS Run 				
VOLTS		460		VOLTS		380		AMB	40 °C		INS		F				
AMPS		222		AMPS		262		DE BRG		6314							
CODE	G	P.F.	0.92	CODE	F	P.F.	0.93	ODE BRG		6314							
EFF	95.4	MIN	94.5	EFF	93.9	MIN	93.0	LUB:		Mobil Polyrex EM							
MOTOR WEIGHT		1761 LBS		CONNECTION		6 Lead Δ		SER NO									
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										CC082A							

APPLICATIONS:

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