



PE447T-200-4

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	1800	447T	21.7	26.4	47.8	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	
3.375	8.25	2.88	0.875	6.91	8.5	3	19.9	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





PE447T-200-4

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

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	1790	447T	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 %				
220	1450	96.2	96.0	95.3	0.87	0.86	0.80	590.25	145	240	NU319	6318	6 Lead Δ	1890

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO.		PE447T-200-4				FRAME		447T		PHASE 3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55	Across The Line
HP	200	RPM	1790	HP	200	RPM	1488	DUTY CONT	DES	B		
VOLTS 460		VOLTS 380		AMB 40 °C		INS F						
AMPS 220		AMPS 270		DE BRG		NU319		PWS Start 				
CODE	G	P.F.	0.87	CODE	F	P.F.	0.88	ODE BRG		6318		PWS Run
EFF	96.2	MIN	95.4	EFF	95.0	MIN	94.2	LUB: Mobil Polyrex EM				
MOTOR WEIGHT 1890 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.