



PE284T-15-6

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
15	1200	284T	14	11.7	26.6	7	0.85	0.53	2.75	5.5	11	9.5	NA	14.5	14	2.2	4.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.875	4.38	1.591	0.5	3.28	4.62	1.5	11.3	6311	6311	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
15	1180	284T	208-230/460	60	1.15	F	B	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%	100%	75%	50%	FLT	LRT %	BDT %				
19	116	91.7	91.7	91.4	0.77	0.72	0.60	67.07	160	240	6311	6311	12 Lead 2Δ/Δ	315

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS					
CAT NO. PE284T-15-6		FRAME 284T		PHASE 3											
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 15	RPM 1180	HP 15	RPM 965	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C	INS F										
AMPS 41 - 38 / 19	AMPS 46/23		DE BRG 6311												
CODE G	P.F. 0.77	CODE F	P.F. 0.86	ODE BRG 6311											
EFF 91.7	MIN 90.2	EFF 89.7	MIN 88.2	LUB: Mobil Polyrex EM											
MOTOR WEIGHT 315	LBS	CONNECTION 12 Lead 2Δ/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.