





PE449TC-200-6C

GENERAL PURPOSE ELECTRIC MOTOR

HIGH EFFICIENCY / EISA COMPLIANT

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

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	1180	449TC	460	60	1.15	F	C	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6319	6318	6 Lead Δ	2024
224	1450	95.0	94.1	94.6	94.0	0.880	0.850	0.770	890.0	200	230				

NAME PLATE

 North American Electric, Inc. HIGH EFFICIENCY EISA COMPLIANT										CONNECTION DIAGRAMS (460V)		
INVERTER DUTY 20:1 VT; 10:1 CT										Across The Line		
CAT NO: PE449TC-200-6C				FRAME 449TC				PHASE 3		T7 T1 L1 T8 T2 L2 T9 T3 L3		
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55		
HP 200		RPM 1180		HP 200		RPM 980		DUTY CONT		DES C		
VOLTS 460				VOLTS 380				AMB 40° C		INS F		
FLA 224				FLA 272				DE BEARING 6319				
CODE G		P.F. 0.88		CODE E		P.F. 0.89		ODE BEARING 6318				
EFF 95		MIN 94		EFF 93.4		MIN 92.4		LUB: Mobil Polyrex EM				
MOTOR WEIGHT 2024 LBS				CONNECTION 6 Lead Δ				SER NO				
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										PWS Start		
										PWS Run		
CC 082A										T7 T1 L1 T8 T2 L2 T9 T3 L3		

APPLICATIONS:

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