



PE449TSC-300-2

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

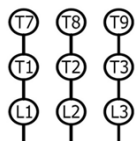
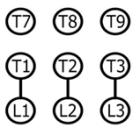
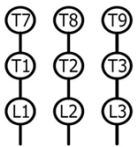
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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
300	3580	449TSC	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 %				
322.0	2200	95.8	95.5	95.1	95.0	0.910	0.910	0.890	440.9	130	245	6314	6314	6 Lead Δ	2002

NAME PLATE

 North American Electric, Inc.										CONNECTION DIAGRAMS (460V)	
INVERTER DUTY 20:1 VT; 10:1 CT										ACROSS THE LINE 	
CAT NO: PE449TSC-300-2				FRAME 449TSC				PHASE 3			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55	
HP 300		RPM 3580		HP 300		RPM 2980		DUTY CONT		DES B	
VOLTS 460			VOLTS 380			AMB 40° C		INS F			
FLA 322.0			FLA 395			DE BEARING 6314					
CODE G		P.F. 0.91		CODE E		P.F. 0.91		ODE BEARING 6314			
EFF 95.8		MIN 95.0		EFF 94.1		MIN 93		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 2002 LBS			CONNECTION 6 Lead Δ				SER NO				
General purpose use on industrial machinery installed in damp, dusty or dirty environments. ISO9001 CERTIFIED CE  CC 082A Hernando, Mississippi										PWS START 	
										PWS RUN 	

APPLICATIONS:

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