



Model Number SD3-447TSC-2-BR-E-200-460-60

MFG PN T447TS200U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	200 HP			Frame Size	447
Rated Motor Speed	3570 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ			Approximate Weight	1985.7
Rated Motor Current	216 Amps			NEMA Design	B
Service Factor	1.15			IP Rating	56
KVA Code	G			Insulation Class	F
Nominal Efficiency	95.4 %			Tropicalization	YES
Nominal Power Factor	0.91 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	400.17 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	84.9			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	220	1437	Rated Altitude (M)	1000
Breakdown	-	261	-	Coating	7024 - Graphite Grey
Pull Up	-	90	-	Shaft Grounding	YES
125% of FL	3561	-	273.31	Brake Voltage (DC)	--
75% of FL	3578	-	160.64	Brake Torque (N-M)	--
50% of FL	3586	-	110.37	Mechanical Data	
No Load	3599	-	35.9	Bearing DE Side	6316 C3
Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing NDE Side	6316 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
CT VFD Range		--		Loaded Torque Curves	
				P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH Single Voltage SD3				

