

				Model Number	SD3-254TC-6-BR-E-7.5-460-60	
				MFG PN	T254T7.5U6B	
				List Price	--	
All data shown at HIGH voltage setting					Format	STD 3 Phase
Electrical Data				General Data		
Rated Motor Output Power		7.5 HP		Frame Size	254	
Rated Motor Speed		1175 r/min		Enclosure	TEFC	
Rated Motor Voltage (3 Phase)		460-60 Volts - HZ		Approximate Weight	265.9	
Rated Motor Current		10.3 Amps		NEMA Design	B	
Service Factor		1.25		IP Rating	56	
KVA Code		H		Insulation Class	F	
Nominal Efficiency		91 %		Tropicalization	YES	
Nominal Power Factor		0.75 cosθ		Duty	Cont.	
Full Load Torque Ft-Lb		44.66 Ft-Lb		Cable Entry	1.25	
Temp Rise @ Full Load °C		37.7		Feet Removable	YES	
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO	
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40	
Locked Rotor	-	184	67.71	Rated Altitude (M)	1000	
Breakdown	-	288	-	Coating	7024 - Graphite Grey	
Pull Up	-	141	-	Shaft Grounding	YES	
125% of FL	1169	-	12.25	Brake Voltage (DC)	--	
75% of FL	1184	-	8.18	Brake Torque (N-M)	--	
50% of FL	1190	-	6.66	Mechanical Data		
No Load	1199	-	5.22	Bearing DE Side	6309 C3	
Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing NDE Side	6309 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			

FRAME: 254TC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:

