



Model Number

SD3-184TC-6-BR-E-2-460-60

MFG PN

T184T2U6B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

**Electrical Data**

**General Data**

Rated Motor Output Power	2 HP	Frame Size	184
Rated Motor Speed	1175 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	112.4
Rated Motor Current	3.1 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	L	Insulation Class	F
Nominal Efficiency	88.5 %	Tropicalization	YES
Nominal Power Factor	0.68 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	12.26 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	25.9	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	270	7.34	Rated Altitude (M)	1000
Breakdown	-	346	-	Coating	7024 - Graphite Grey
Pull Up	-	207	-	Shaft Grounding	YES
125% of FL	1172	-	3.59	Brake Voltage (DC)	--
75% of FL	1184	-	2.65	Brake Torque (N-M)	--
50% of FL	1190	-	2.3	<b>Mechanical Data</b>	
No Load	1198	-	1.99	Bearing DE Side	6306ZZ

Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing NDE Side	6306ZZ
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	<b>Loaded Torque Curves</b>		--
<p><b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b></p>				

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram 3PH Single Voltage SD3



