



Model Number

SD3-284TC-4-BR-E-25-460-60

MFG PN

T284T25U4B

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	25 HP	Frame Size	284
Rated Motor Speed	1770 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	375.7
Rated Motor Current	30.5 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	--	Insulation Class	F
Nominal Efficiency	-- %	Tropicalization	YES
Nominal Power Factor	-- cosθ	Duty	Cont.
Full Load Torque Ft-Lb	100 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	54.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

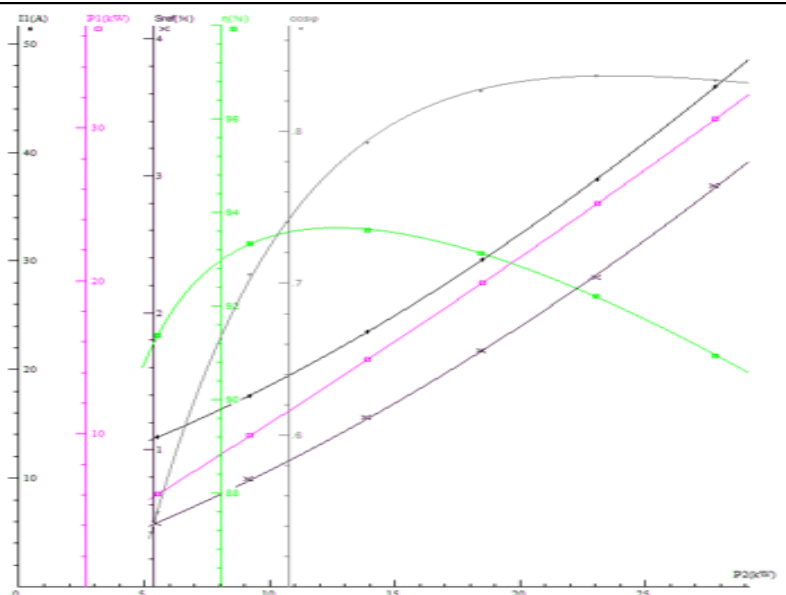
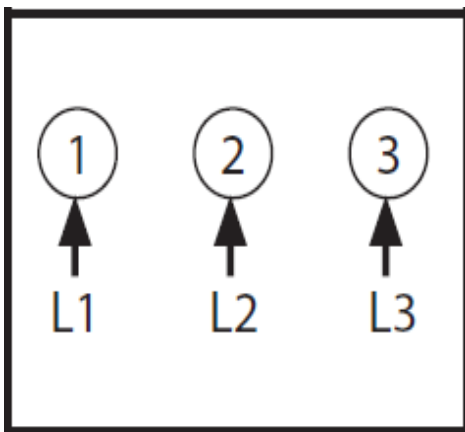
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	193	179.8	Rated Altitude (M)	1000
Breakdown	-	239	-	Coating	7024 - Graphite Grey
Pull Up	-	149	-	Shaft Grounding	YES
125% of FL	1759	-	37.63	Brake Voltage (DC)	--
75% of FL	1778	-	23.42	Brake Torque (N-M)	--
50% of FL	1793	-	12.94	Mechanical Data	
No Load	1798	-	10.89	Bearing DE Side	6311 C3

Hazardous Location	CL1 Div2 Grp A,B,C,D	Bearing NDE Side	6311 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
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

FRAME: 284TC HP: RPM: PHASE: 3 VOLT: 208 - 230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:

