



Model Number SD3-326TSC-2-BR-E-50-460-60

MFG PN T326TS50U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	50 HP	Frame Size	326
Rated Motor Speed	3550 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	611.8
Rated Motor Current	55.3 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	G	Insulation Class	F
Nominal Efficiency	93 %	Tropicalization	YES
Nominal Power Factor	0.91 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	99.39 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	67.8	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

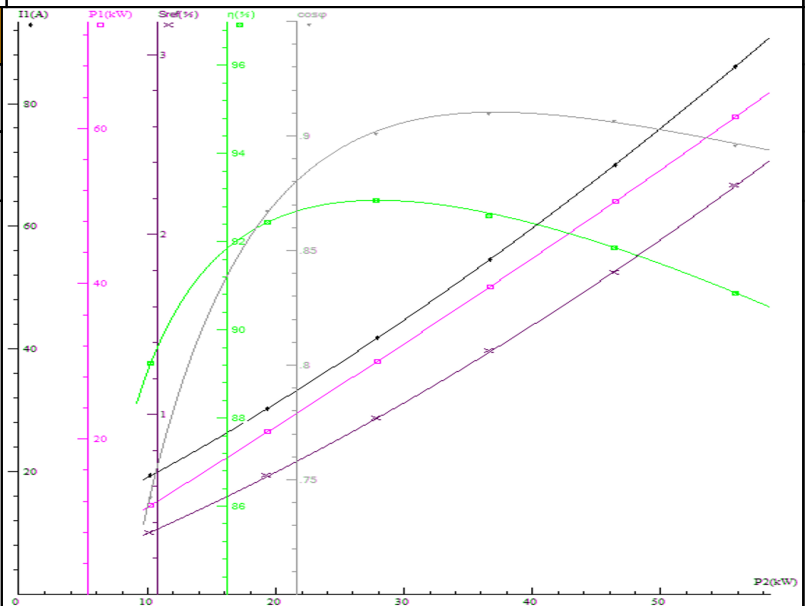
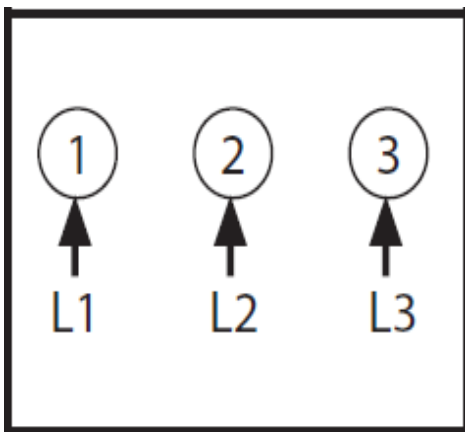
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	231	399.3	Rated Altitude (M)	1000
Breakdown	-	233	-	Coating	7024 - Graphite Grey
Pull Up	-	123	-	Shaft Grounding	YES
125% of FL	3536	-	69.73	Brake Voltage (DC)	--
75% of FL	3565	-	41.55	Brake Torque (N-M)	--
50% of FL	3577	-	29.24	Mechanical Data	
No Load	--	-	12.22		

Hazardous Location	CL1 Div2 Grp A,B,C,D	Bearing DE Side	6312 C3
		Bearing NDE Side	6312 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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FRAME: 324TSC HP: RPM: PHASE: 3 VOLT: 208 - 230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:

