TECHTOP electric motors	**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

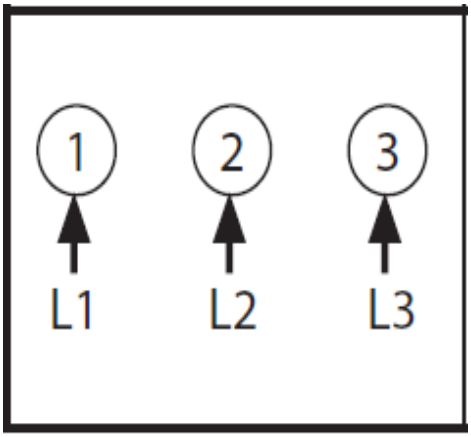
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	231	399.3	Rated Altitude (M)	1000
Breakdown	-	233	-	Coating	7024 - Graphite Grey
Pull Up	-	123	-	Shaft Grounding	YES
125% of FL	3536	-	69.73	Brake Voltage (DC)	--
75% of FL	3565	-	41.55	Brake Torque (N-M)	--
50% of FL	3577	-	29.24	**Mechanical Data**	
No Load	--	-	12.22	Bearing DE Side	6312 C3
Hazardous Location	**CL1 Div2 Grp A,B,C,D**			Bearing NDE Side	6312 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

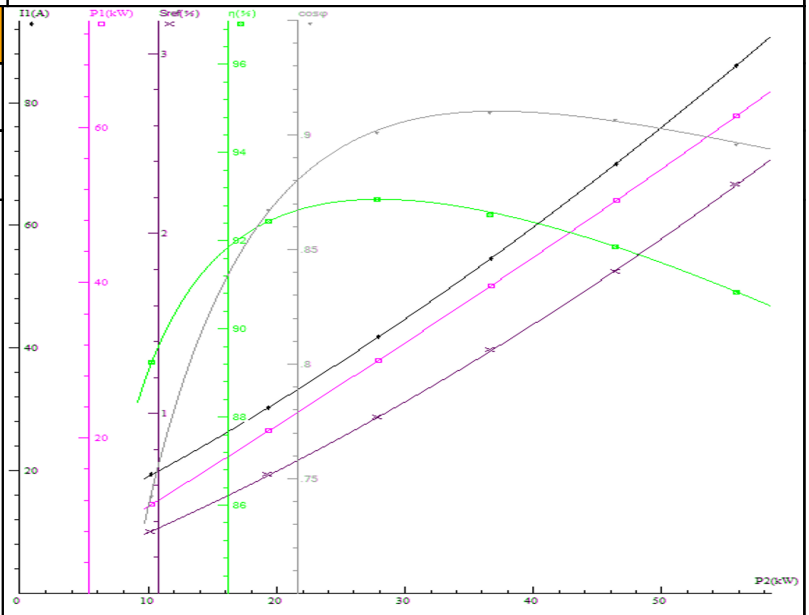
CT VFD Range	--	**Loaded Torque Curves**	**--**

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**

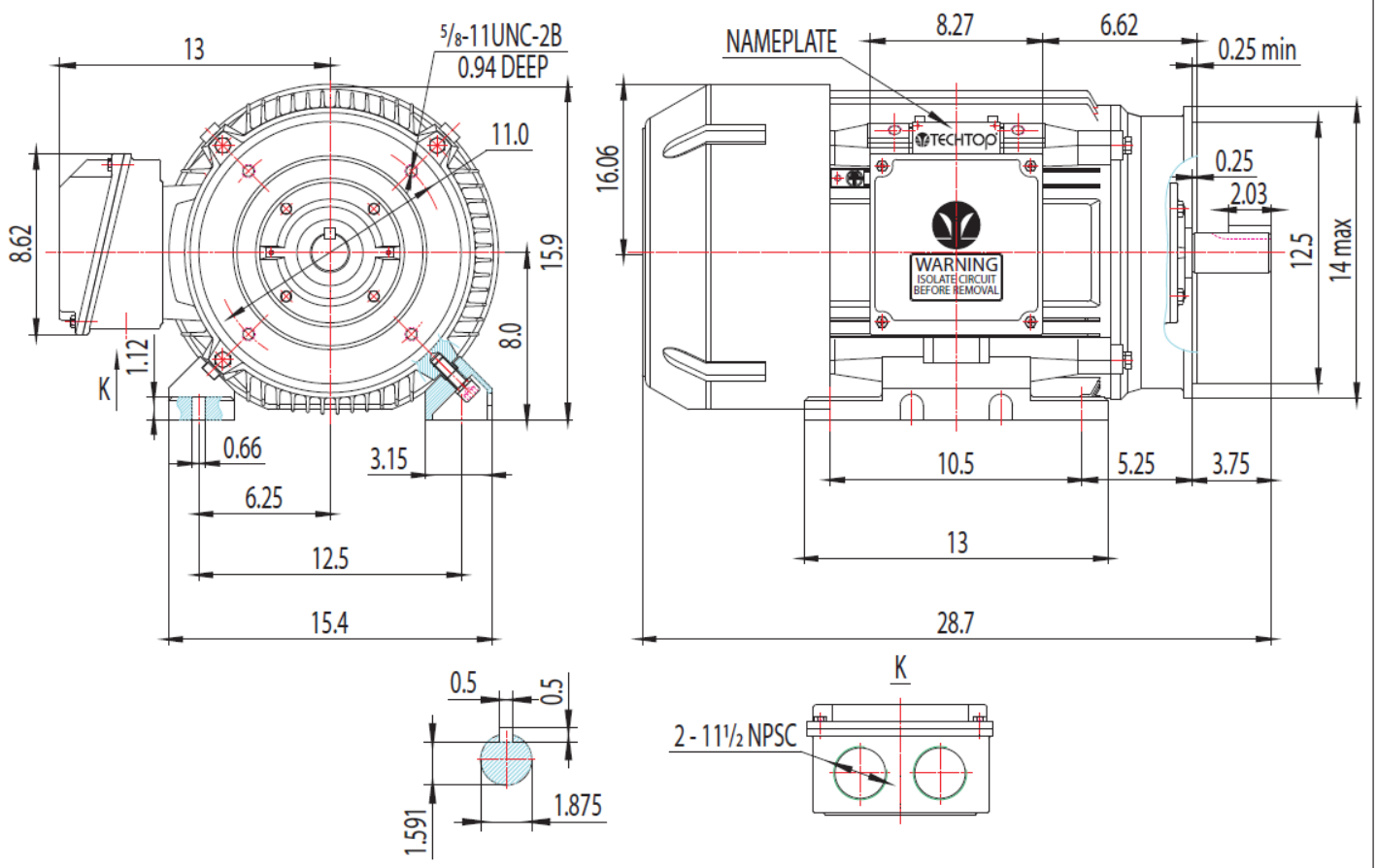




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Model Number	SD3-326TSC-2-BR-E-50-460-60
MFG PN	T326TS50U2B
List Price	--
Base Frame	SD-326TSC-CI-TF

FRAME: 324TSC	HP:	RPM:	PHASE: 3	VOLT: 208 - 230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:



TECHTOP	MODEL NUMBER:	REV.	BY	DATE	CHANGES
	GR3-CI-TF-324TSC	1			
	MFG PN:	2			
MATERIAL:		3			
UNITS: INCH BY: SSEE		4			
DRAWN: 10/1/2018		5			
WWW.TECHTOP.COM		6			
		7			

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