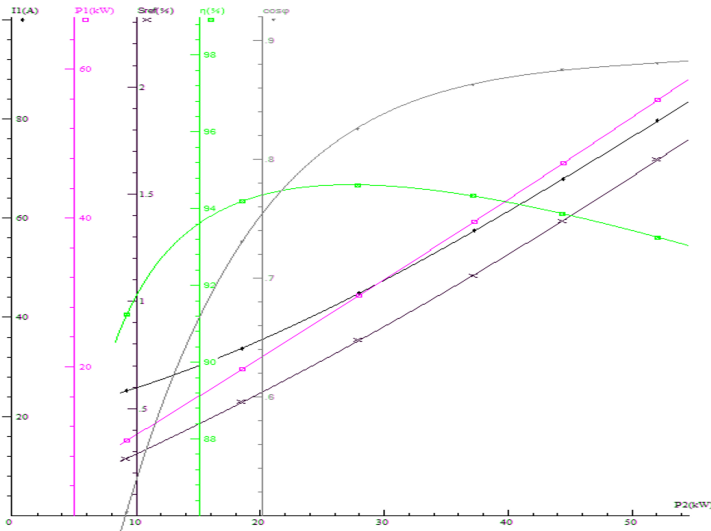
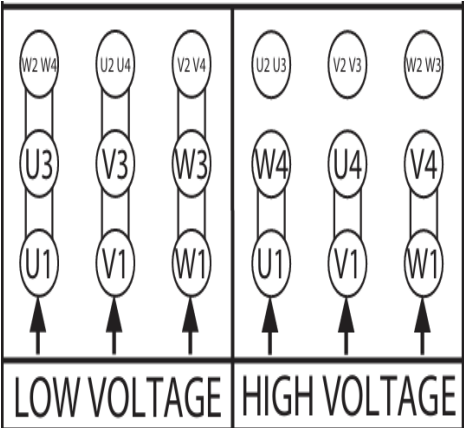




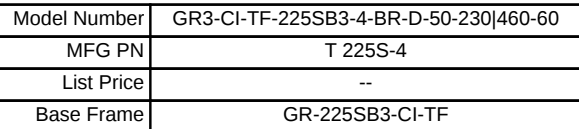
Model Number	GR3-CI-TF-225SB3-4-BR-D-50-230 460-60
MFG PN	T 225S-4
List Price	--

All data shown at HIGH voltage setting

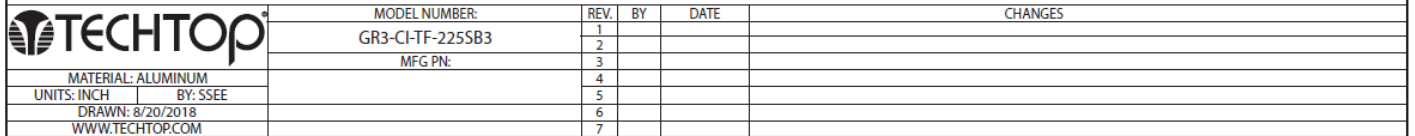
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		50 HP		Frame Size	225
Rated Motor Speed		1770 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	713.9
Rated Motor Current		113.0/56.5 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		J		Insulation Class	F
Nominal Efficiency		94.5 %		Tropicalization	YES
Nominal Power Factor		0.87 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		0 Ft-Lb		Cable Entry	M50 X 1.5
Temp Rise @ Full Load °C		61.1		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	287	313	Rated Altitude (M)	1000
Breakdown	-	297	-	Coating	7024 - Graphite Grey
Pull Up	-	274	-	Shaft Grounding	NO
125% of FL	1776	-	71.7	Brake Voltage (DC)	--
75% of FL	1787	-	45.3	Brake Torque (N-M)	--
50% of FL	1791	-	34	Mechanical Data	
No Load	1794	-	22	Bearing DE Side	6312 C3
Hazardous Location	Class 1, Div 2, 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 12 Lead IEC Dual Voltage				
					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



FRAME: 225SB3	HP:	RPM:	PHASE: 3	VOLT:	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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