TECHTOP electric motors	**Model Number**	**GR3-CI-TF-254T-4-BR-D-15**
	MFG PN	
	List Price	**1682**

All data shown at HIGH voltage setting — Format STD 3 Phase

Electrical Data				**General Data**	
Rated Motor Output Power		15.0 HP		Frame Size	254T
Rated Motor Speed		r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		None Volts - HZ		Approximate Weight	278.9
Rated Motor Current		Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code				Insulation Class	F
Nominal Efficiency		92.4 %		Tropicalization	
Nominal Power Factor		0.81 cosθ		Duty	Cont. / S1
Full Load Torque Ft-Lb		Ft-Lb		Cable Entry	1-NPT 1-1/4"
Temp Rise @ Full Load °C				Feet Removable	1
Efficiency Level		Premium		Double Drilled	0
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-			Rated Altitude (M)	1000
Breakdown	-	173.7452291	-	Coating	7024 - Graphite Gray
Pull Up	-	245.0	-	Shaft Grounding	1000
125% of FL	1769.4	-	22.25	Brake Voltage (DC)	None
75% of FL	1782.5	-	14.7	Brake Torque (N-M)	100.0
50% of FL	1788.5	-	11.62	**Mechanical Data**	
No Load	None	-	8.37	Bearing DE Side	6309C3
Hazardous Location				Bearing NDE Side	6309C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range		**Loaded Torque Curves**	**GR3-CI-TF-254T-4-BR-D-15**
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor	
Certifications	UL	CSA	DOE
File Numbers			
Wiring Diagram	**NEMA-3-12-DD/D**		

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

TECHTOP electric motors	Model Number	GR3-CI-TF-254T-4-BR-D-15
	MFG PN	
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	Base Frame	

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