



Model Number GR3-CI-TF-256TC-4-BR-F-20-575-60

MFG PN T256T20U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	20 HP	Frame Size	256
Rated Motor Speed	1770 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	575-60 Volts - HZ	Approximate Weight	290.4
Rated Motor Current	18.72 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	71.84224 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

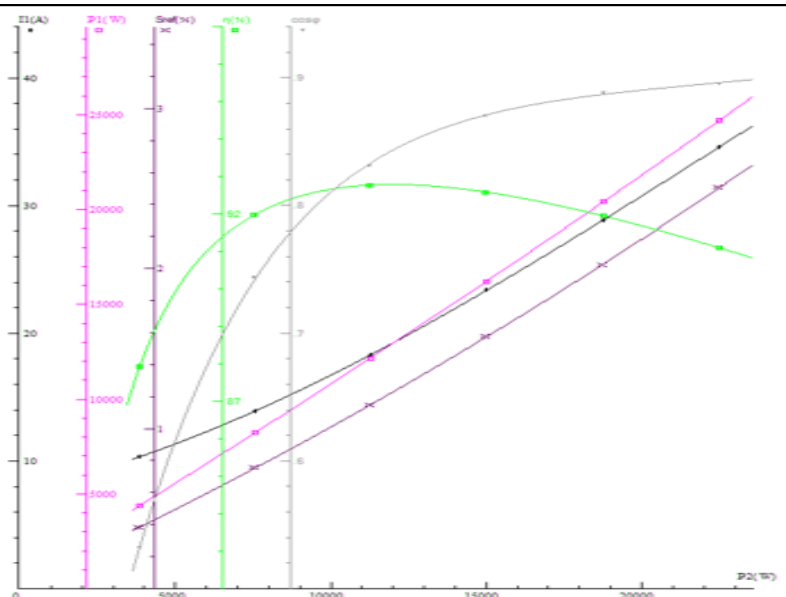
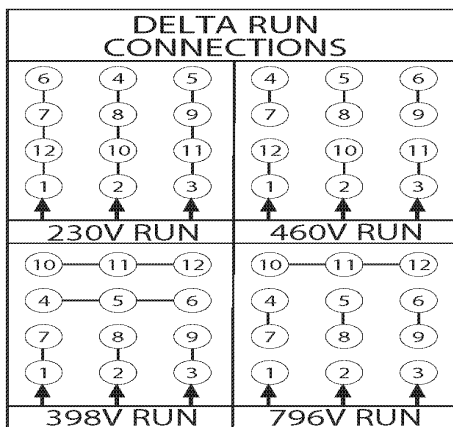
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	280	169	Rated Altitude (M)	1000
Breakdown	-	352	-	Coating	7024 - Graphite Grey
Pull Up	-	206	-	Shaft Grounding	NO
125% of FL	1763	-	23	Brake Voltage (DC)	--
75% of FL	1779	-	14.6	Brake Torque (N-M)	--
50% of FL	1787	-	11	Mechanical Data	
No Load	--	-	6.97		

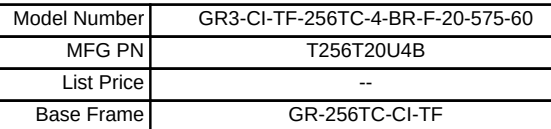
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6309 C3
				Bearing NDE Side	6309 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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 Dual Voltage
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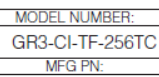
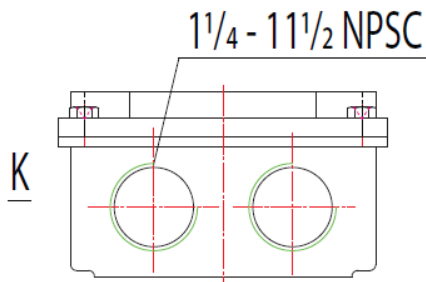
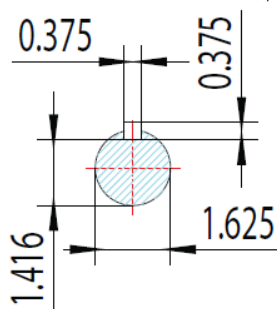
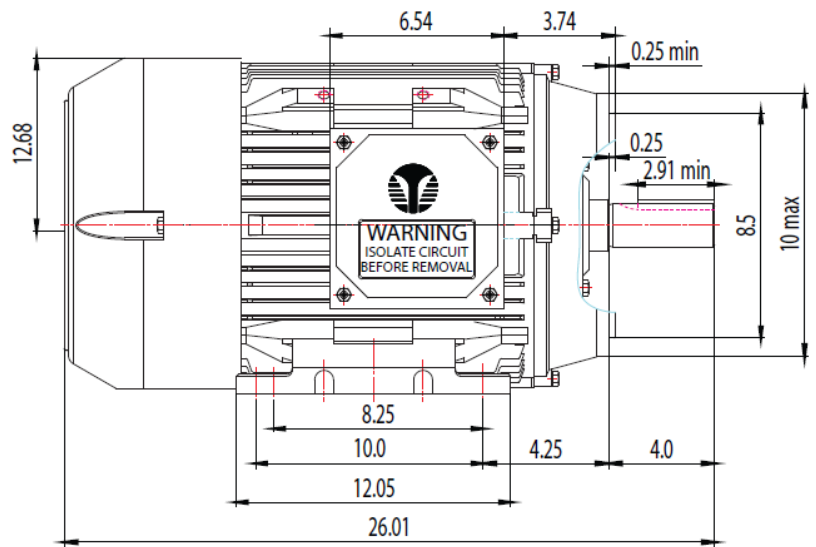




Technical drawing of a circular mechanical component, likely a gear or pulley, showing dimensions and labels.

Key dimensions and labels:

- Overall width: 10.1
- Overall height: 12.59
- Inner diameter: 6.77
- Outer diameter: 12.36
- Inner hole diameter: 0.53
- Inner hole depth: 2.36
- Inner hole offset: 0.63
- Inner hole offset: 0.50
- Inner hole offset: 10.0
- Inner hole offset: 5.0
- Inner hole offset: 10.1
- Inner hole offset: 45
- Inner hole offset: 7.25
- Inner hole offset: 1.25 DEEP
- Inner hole offset: 1/2 - 13UNC - 2B
- Inner hole offset: NAMEPLATE
- Inner hole offset: K



REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL:	
UNITS: INCH	BY: SSEE
DRAWN: 6/26/2018	
WWW.TECHTOP.COM	

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