



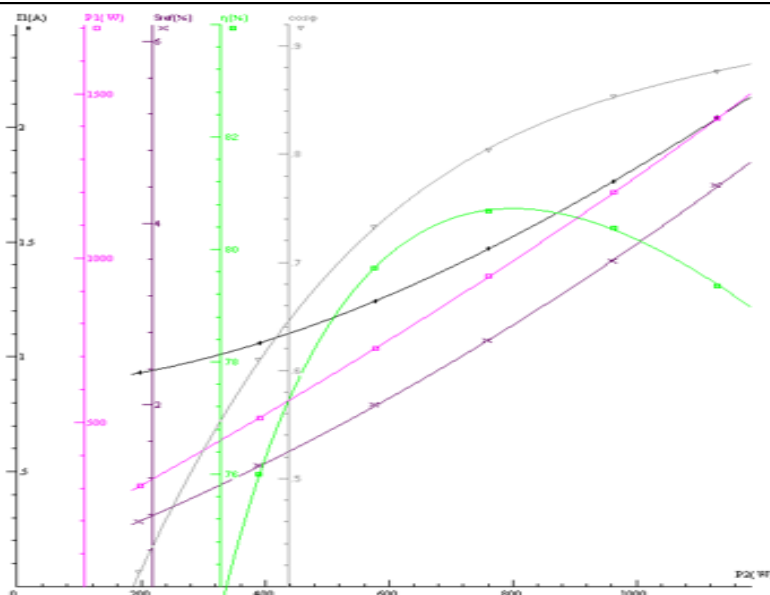
Model Number GR3-CI-TF-143T-2-B-D-1-230|460-60

MFG PN T143T1U2B

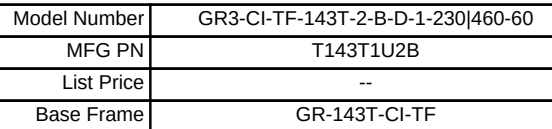
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1 HP		Frame Size	143
Rated Motor Speed		3500 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	41.1
Rated Motor Current		3/1.5 Amps		NEMA Design	B
Service Factor		1.25		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		77 %		Tropicalization	YES
Nominal Power Factor		0.83 cosθ		Duty	Cont
Full Load Torque Ft-Lb		1.51208 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		41.1		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	241	10.94	Rated Altitude (M)	1000
Breakdown	-	326	-	Coating	7024 - Graphite Grey
Pull Up	-	168	-	Shaft Grounding	NO
125% of FL	3475	-	1.72	Brake Voltage (DC)	--
75% of FL	3530	-	1.22	Brake Torque (N-M)	--
50% of FL	3554	-	1.04	Mechanical Data	
No Load	3571	-	0.88	Bearing DE Side	6205ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6205ZZ
				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 9 Lead Dual Voltage				
3 Phase - YY/Y - 9 Lead 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom CONNECTIONS 4 5 6 7 8 9 1 2 3 LOW VOLTAGE 4 5 6 7 8 9 1 2 3 HIGH VOLTAGE					

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Technical drawing of the 1000 Series 1000V 300A Air Circuit Breaker (ACB) showing front, side, and detail views with dimensions in inches.

Front View Dimensions:

- Overall width: 7.0
- Overall height: 7.125
- Top flange width: 5.9
- Left side flange height: 4.8
- Bottom flange width: 5.5
- Bottom flange height: 0.55
- Mounting hole spacing (center-to-center): 2.75
- Mounting hole diameter: 0.34 (4 holes)
- Terminal spacing: 1.46
- Terminal height: 3.5
- Terminal thread: 3/4-14 NPSC
- NAMEPLATE location: Top center

Side View Dimensions:

- Overall width: 13.38
- Overall height: 7.25
- Top flange width: 4.57
- Top flange height: 1.94
- Bottom flange width: 5.12
- Bottom flange height: 2.25
- Mounting hole spacing (center-to-center): 4.0
- Mounting hole diameter: 0.34 (4 holes)
- Terminal spacing: 1.41 min
- Terminal height: 2.25
- Terminal thread: 3/4-14 NPSC
- WARNING ISOLATE CIRCUIT BEFORE REMOVAL label location: Center

Detail View Dimensions:

- Overall width: 0.875
- Overall height: 0.771
- Top flange width: 0.188
- Top flange height: 0.188
- Bottom flange width: 0.188
- Bottom flange height: 0.188
- Mounting hole spacing (center-to-center): 0.34
- Mounting hole diameter: 0.34



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