



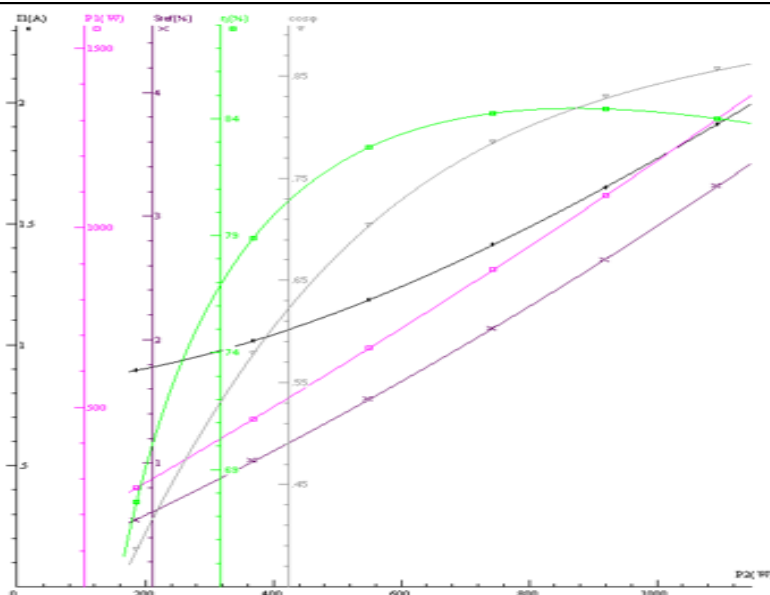
Model Number GR3-RS-OP-143T-2-B-D-1-230|460-60

MFG PN TXD143T1U2B

List Price --

All data shown at HIGH voltage setting

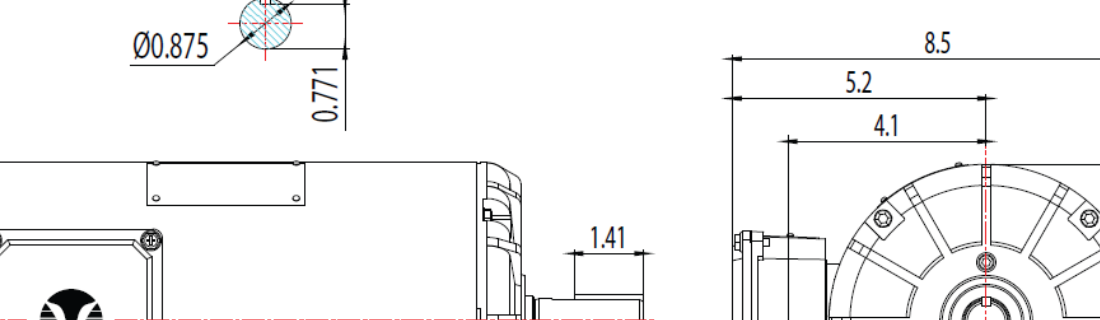
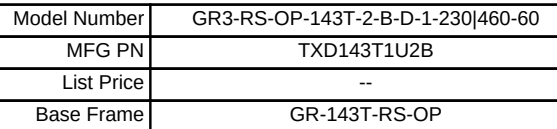
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1 HP		Frame Size	143
Rated Motor Speed		3450 r/min		Enclosure	ODP
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	--
Rated Motor Current		2.96/1.48 Amps		NEMA Design	B
Service Factor		1.25		IP Rating	56
KVA Code		k		Insulation Class	H
Nominal Efficiency		81 %		Tropicalization	YES
Nominal Power Factor		0.78 cosθ		Duty	Cont. / S1
Full Load Torque Ft-Lb		1.52 Ft-Lb		Cable Entry	1-NPT 3/4"
Temp Rise @ Full Load °C		29.5		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	350	15.68	Rated Altitude (M)	1000
Breakdown	-	355	-	Coating	7024 - Graphite Grey
Pull Up	-	310	-	Shaft Grounding	NO
125% of FL	3419	-	1.72	Brake Voltage (DC)	--
75% of FL	3498	-	1.22	Brake Torque (N-M)	--
50% of FL	3532	-	1	Mechanical Data	
No Load	--	-	0.85	Bearing DE Side	6306ZZ
Hazardous Location	--			Bearing NDE Side	6306ZZ
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
				Loaded Torque Curves	
CT VFD Range		--	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 4 5 6 7 8 9 1 2 3 LOW VOLTAGE HIGH VOLTAGE					

LOW VOLTAGE

HIGH VOLTAGE

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



Technical drawing of the 1000 Series 1/2" device, showing three views: front, top, and side.

Front View: The device has a total width of 13.3 and a total height of 6.46. The central square features a stylized logo. Dimensions for the base and mounting flange are provided: 0.35, 4, 5, 5.9, 2.25, and 2.25. A side flange has a height of 1.41.

Top View: The device has a circular top with a diameter of 6.75. The central square has a side length of 5.2. The distance from the center to the outer edge is 4.1. The mounting flange has a thickness of 0.5. The total width of the base is 6.55.

Side View: The device has a total height of 6.75. The central square has a side length of 5.2. The distance from the center to the outer edge is 4.1. The mounting flange has a thickness of 0.5. The total width of the base is 6.55.

Detail View: A circular detail with a diameter of 0.875 and a square feature with a side length of 0.1875. The distance from the center to the outer edge is 0.771.

