



**Model Number** CB3-AL-TF-56C-2-B-D-1-230|460-60

**MFG PN** T56 1U2B

**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	56
Rated Motor Speed	3490 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	18.1
Rated Motor Current	3.10/1.55 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	79 %			Tropicalization	YES
Nominal Power Factor	0.77 cosθ			Duty	cont
Full Load Torque Ft-Lb	1.656 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	53.4			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	11.3	Rated Altitude (M)	1000
Breakdown	-	316	-	Coating	7062 - Graphite Grey
Pull Up	-	217	-	Shaft Grounding	NO
125% of FL	3464	-	1.77	Brake Voltage (DC)	--
75% of FL	3525	-	1.32	Brake Torque (N-M)	--
50% of FL	3550	-	1.17	Mechanical Data	
No Load	--	-	1.1	Bearing DE Side	6204ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6204ZZ
				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				
<p><b>3 Phase - YY/Y - 9 Lead</b>            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</p>					
CONNECTIONS					
				<p>Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540</p>	

FRAME: 56C    HP:    RPM:    PHASE: 3    VOLT: 230/460V    ENCL: TEFC    FREQ: 60 Hz    FLA:    LRA:

