



Model Number CB3-AL-TF-56HC-2-B-D-3-230|460-60

MFG PN T56 3U2B

List Price --

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	3 HP			Frame Size	56
Rated Motor Speed	3490 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	36.3
Rated Motor Current	7.26/3.63 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	86.5 %			Tropicalization	YES
Nominal Power Factor	0.88 cosθ			Duty	cont
Full Load Torque Ft-Lb	4.864 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	49.1			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	271	30.31	Rated Altitude (M)	1000
Breakdown	-	331	-	Coating	7064 - Graphite Grey
Pull Up	-	162	-	Shaft Grounding	NO
125% of FL	3458	-	4.5	Brake Voltage (DC)	
75% of FL	3522	-	2.87	Brake Torque (N-M)	
50% of FL	3550	-	2.23	Mechanical Data	
No Load		-	1.57	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				
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					
				Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540	

Model Number	CB3-AL-TF-56HC-2-B-D-3-230 460-60
MFG PN	T56 3U2B
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Base Frame	CB-56HC-AL-TF

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

