



**Model Number** CB3-AL-TF-56HC-4-B-D-1.5

**MFG PN**

**List Price** 501

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	1.5 HP			Frame Size	56HC
Rated Motor Speed	r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	None Volts - HZ			Approximate Weight	34.5
Rated Motor Current	Amps			NEMA Design	B
Service Factor	1.25			IP Rating	55
KVA Code				Insulation Class	F
Nominal Efficiency	86.5 %			Tropicalization	
Nominal Power Factor	0.75 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	Ft-Lb			Cable Entry	1-NPT
Temp Rise @ Full Load °C				Feet Removable	1
Efficiency Level	Premium			Double Drilled	1
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-			Rated Altitude (M)	1000
Breakdown	-	18.906	-	Coating	7024 - #000000
Pull Up	-	322.0	-	Shaft Grounding	1000
125% of FL	1734.1	-	2.541	Brake Voltage (DC)	None
75% of FL	1763.0	-	1.827	Brake Torque (N-M)	100.0
50% of FL	1775.8	-	1.57	Mechanical Data	
No Load	1199.0	-	0.99	Bearing DE Side	6205ZZ
Hazardous Location				Bearing NDE Side	6205ZZ
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)
CT VFD Range			Loaded Torque Curves		None
			<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b>		
Certifications	UL	CSA	DOE		
File Numbers					
Wiring Diagram	NEMA-3-9-YY-Y				
<p align="center"><b>3 Phase - YY/Y - 9 Lead</b></p> <p>4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD</p> <p>Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom</p> <p>Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom</p>					
<p align="center"><b>CONNECTIONS</b></p> <p>LOW VOLTAGE      HIGH VOLTAGE</p>					



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Base Frame	

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