

		<b>Model Number:</b> BL3-AL-TF-56C-2-B-D-.75					
		<b>MFG PN:</b> 311					
		<b>List Price:</b>					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power		0.75	HP	Frame Size		56C	
Rated Motor Speed		3470	r/min 60Hz	Enclosure		TEFC	
		None	r/min 50Hz	Mounting		Rigid/C-Flange	
Rated Motor Voltage (3 Phase)		230/460	V/60Hz	NEMA Design		B	
		-	V/50Hz	IP Rating		55	
Rated Motor Current		2.5-2.56/1.28	A (In) @ 60Hz	Insulation Class		F	
		None	A (In) @ 50Hz	Tropicalization		1	
FL Current @ 208V		None	A (In) @ 60Hz	Duty		Cont. / S1	
Service Factor		1.15	@ 60Hz	Cable Entry		1-NPT 1/2"	
		1.15	@ 50Hz	Feet Removable		1	
KVA Code		K	60Hz	Double Drilled		0	
		-	50Hz	Frame Material		Cast Aluminum	
Nominal Efficiency		70.0	% @ 60Hz	Shaft Material		1045	
		None	% @ 50Hz	Coating		RAL	7024
Nominal Power Factor		0.77	cosθ @ 60Hz				
Full Load Torque Ft-Lb		S		Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side		6204ZZ	
Locked Rotor				Bearing NDE Side		6204ZZ	
Breakdown	None	None	-	Comp Ring (wavey washer)		NDE	
Pull Up	None	None	-	Weight		19.0	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia		None	kg.m3
125% of FL	None	None	None	Site Conditions			
75% of FL	None	None	None	Temp Rise @ Full Load °C		B	@ 60Hz
50% of FL	None	None	None	Ambient Temperature °C		40	
No Load	None	0	None	Altitude Above Sea Level (M)		1000	
Brake Torque (N-M)		None		Loaded Torque Curves		BL3-AL-TF-56C-2-B-D-.75	
Brake Coil Voltage		None		P1 = Output Power (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

<b>CT VFD Range</b>		
Haz Loc Rating		
Options:		
<b>UL File Number</b>		
<b>CSA File Number</b>		
<b>DOE File Number</b>		
<b>CE APPROVAL</b>		
<b>Wiring Diagram</b>	<b>NEMA-3-9-YY/Y</b>	

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

<b>Model Number:</b>	BL3-AL-TF-56C-2-B-D-.75
<b>MFG PN:</b>	
<b>List Price:</b>	311

Dimensional Drawing (For Reference Only)

BL3-AL-TF-56C-2D

Components

Item	Model	Description	List Price
C-Face Kit			
D-Flange Kit			
DE Endplate Kit			
NDE Endplate Kit			
Junction Box			
Cooling Fan Cover			
Cooling Fan			
Replacement Feet			
DE Bearing Retainer Kit			
NDE Bearing Retainer Kit			

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