

		<b>Model Number:</b> BL3-AL-TF-56B35-4-B-D-.12					
		<b>MFG PN:</b> 242					
		<b>List Price:</b>					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power		0.12	HP	Frame Size		56B35	
Rated Motor Speed		1640	r/min 60Hz	Enclosure		TEFC	
		1300	r/min 50Hz	Mounting		B35	
Rated Motor Voltage (3 Phase)		230/460	V/60Hz	NEMA Design		-	
		190/380	V/50Hz	IP Rating		55	
Rated Motor Current		0.76/0.38	A (In) @ 60Hz	Insulation Class		F	
		0.90/0.45	A (In) @ 50Hz	Tropicalization		1	
FL Current @ 208V		None	A (In) @ 60Hz	Duty		Cont. / S1	
Service Factor		1.15	@ 60Hz	Cable Entry		1-M16X1.5	
		1.15	@ 50Hz	Feet Removable		1	
KVA Code		K	60Hz	Double Drilled		0	
		G	50Hz	Frame Material		Cast Aluminum	
Nominal Efficiency		54.6	% @ 60Hz	Shaft Material		None	
		94.5	% @ 50Hz	Coating		RAL	7024
Nominal Power Factor		0.55	cosθ @ 60Hz				
Full Load Torque Ft-Lb		S		Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side		6201ZZ	
Locked Rotor				Bearing NDE Side		6201ZZ	
Breakdown	2922.767031	347.0	-	Comp Ring (wavey washer)		None	
Pull Up	1179.214364	140.0	-	Weight		7.04	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia		None	kg.m3
125% of FL	1784.9	95.6	356.38	Site Conditions			
75% of FL	1790.5	96.11	238.28	Temp Rise @ Full Load °C		B	@ 60Hz
50% of FL	1793.7	95.88	172.17	Ambient Temperature °C		40	
No Load	None	0	88.7	Altitude Above Sea Level (M)		1000	
Brake Torque (N-M)		100.0		Loaded Torque Curves		None	
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>IEC-3-9-YY/Y-56-71</b>	

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Dimensional Drawing (For Reference Only)

BL3-AL-TF-56B35-2D

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			

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