



Model Number:	SS3-TF-56C-4-D-1-RND
MFG PN:	1000
List Price:	


All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	1.0	HP		Frame Size	56HC		
Rated Motor Speed	1761	r/min 60Hz		Enclosure	TEFC		
	985	r/min 50Hz		Mounting	Round		
Rated Motor Voltage (3 Phase)	230/460	V/60Hz		NEMA Design	B		
	None	V/50Hz		IP Rating	69		
Rated Motor Current	3.06/1.53	A (In) @ 60Hz		Insulation Class	F		
	281	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont.		
Service Factor	1.0	@ 60Hz		Cable Entry	None		
	1.0	@ 50Hz		Feet Removable	0		
KVA Code	L	60Hz		Double Drilled	0		
	None	50Hz		Frame Material	Stainless		
Nominal Efficiency	85.74	% @ 60Hz		Shaft Material	None		
	94.0	% @ 50Hz		Coating	RAL	None	
Nominal Power Factor	0.72	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	11.8503	399.0	-	Comp Ring (wavey washer)	DE		
Pull Up	7.9299	267.0	-	Weight	41.0	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	1749.7	85.789	1.7725	Site Conditions			
75% of FL	1771.4	84.575	1.3287	Temp Rise @ Full Load °C	None	@ 60Hz	
50% of FL	1781.1	81.034	1.1726	Ambient Temperature °C	40		
No Load	1199.0	0	1.03	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				

CT VFD Range		
Haz Loc Rating		
Options:		
UL File Number		
CSA File Number		
DOE File Number		
CE APPROVAL		
Wiring Diagram	None	

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Dimensional Drawing (For Reference Only)

None

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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