

		Model Number: SD3-213T-6-BR-E-3					
		MFG PN: 1442					
		List Price:					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power	3.0	HP		Frame Size	213T		
Rated Motor Speed	1175	r/min 60Hz		Enclosure	TEFC		
	965	r/min 50Hz		Mounting	Rigid		
Rated Motor Voltage (3 Phase)	460	V/60Hz		NEMA Design	B		
	380	V/50Hz		IP Rating	55		
Rated Motor Current	4.4	A (In) @ 60Hz		Insulation Class	F		
	5	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont.		
Service Factor	1.25	@ 60Hz		Cable Entry	None		
	1.25	@ 50Hz		Feet Removable	0		
KVA Code	K	60Hz		Double Drilled	0		
	H	50Hz		Frame Material	Cast		
Nominal Efficiency	89.5	% @ 60Hz		Shaft Material	None		
	88.4	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.72	cos θ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6308Z		
Locked Rotor				Bearing NDE Side	6308Z		
Breakdown	520.1133389	250.0	-	Comp Ring (wavey washer)	DE		
Pull Up	333.7535106	197.0	-	Weight	600.8625	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	1774.4	93.41	82.79	Site Conditions			
75% of FL	1785.5	94.29	52.63	Temp Rise @ Full Load °C	None	@ 60Hz	
50% of FL	1790.5	93.78	40.19	Ambient Temperature °C	40		
No Load	1199.0	0	26.53	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	NEMA-3-6-D	

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Dimensional Drawing (For Reference Only)

841-213T3U4B

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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