



Model Number

SD3-449T-4-BR-E-300-460-60

MFG PN

T449T300U4B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

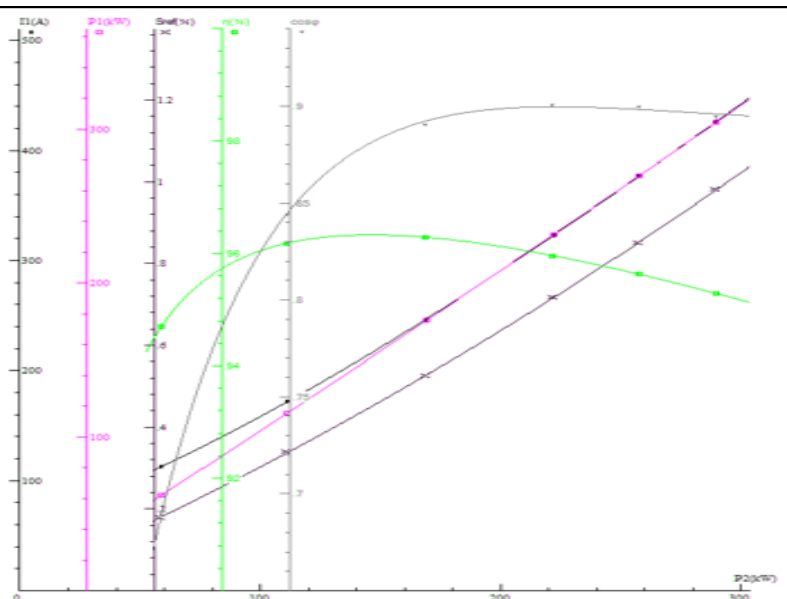
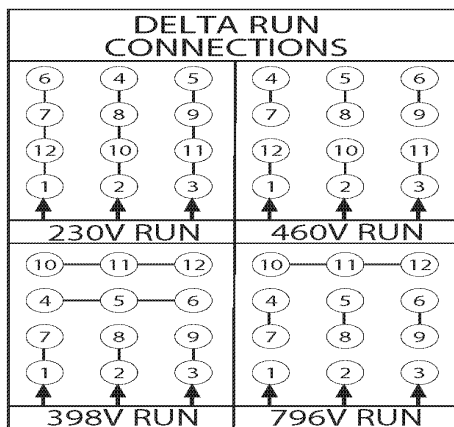
Rated Motor Output Power	300 HP	Frame Size	449
Rated Motor Speed	1785 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	2485.6
Rated Motor Current	328 Amps	NEMA Design	B
Service Factor	1.15	IP Rating	56
KVA Code	G	Insulation Class	F
Nominal Efficiency	96.2 %	Tropicalization	YES
Nominal Power Factor	0.89 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	1192 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	83.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	224	2101	Rated Altitude (M)	1000
Breakdown	-	283	-	Coating	7024 - Graphite Grey
Pull Up	-	254	-	Shaft Grounding	YES
125% of FL	1785	-	374.61	Brake Voltage (DC)	--
75% of FL	1791	-	244.47	Brake Torque (N-M)	--
50% of FL	1794	-	172.16	Mechanical Data	
No Load	--	-	77.58		

Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing DE Side	6319 C3
				Bearing NDE Side	6319 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		





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Base Frame	SD-449T-AL-TF

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