



Model Number

SD3-365TC-6-BR-E-50-460-60

MFG PN

T365T50U6B

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	50 HP	Frame Size	365
Rated Motor Speed	1180 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	882
Rated Motor Current	60 Amps	NEMA Design	B
Service Factor	1.15	IP Rating	56
KVA Code	G	Insulation Class	F
Nominal Efficiency	94.1 %	Tropicalization	YES
Nominal Power Factor	0.83 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	297.6 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	56.9	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

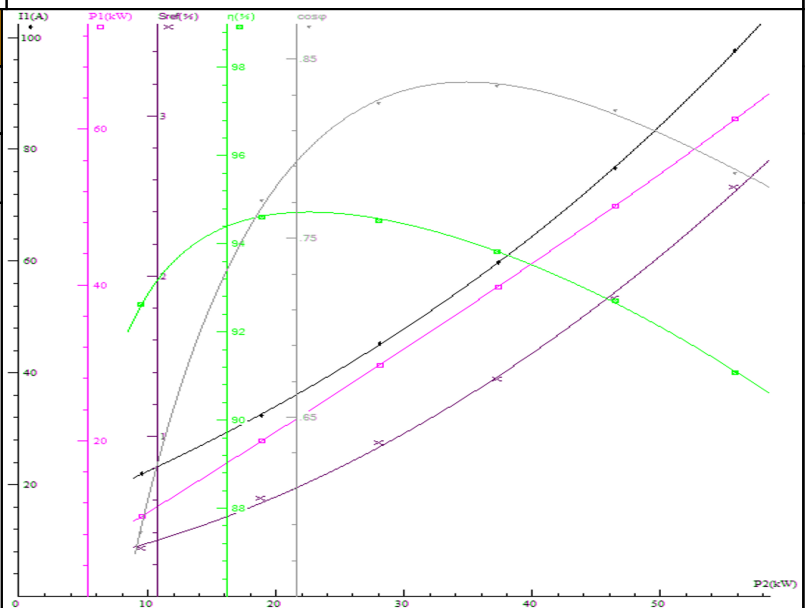
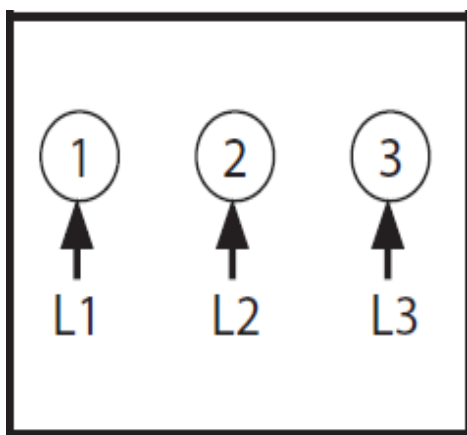
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	218	296.4	Rated Altitude (M)	1000
Breakdown	-	179	-	Coating	7024 - Graphite Grey
Pull Up	-	168	-	Shaft Grounding	YES
125% of FL	1177	-	76.4	Brake Voltage (DC)	--
75% of FL	1189	-	44.55	Brake Torque (N-M)	--
50% of FL	1193	-	32.18	Mechanical Data	
No Load	--	-	16.86		

Hazardous Location	CL1 Div2 Grp A,B,C,D	Bearing DE Side	6313 C3
		Bearing NDE Side	6313 C3
		Moment of Inertia	-- kg.m2
		Noise Level	Per NEMA dB (A)

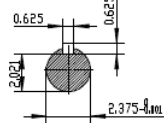
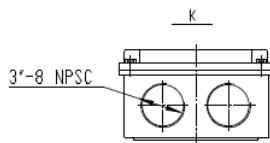
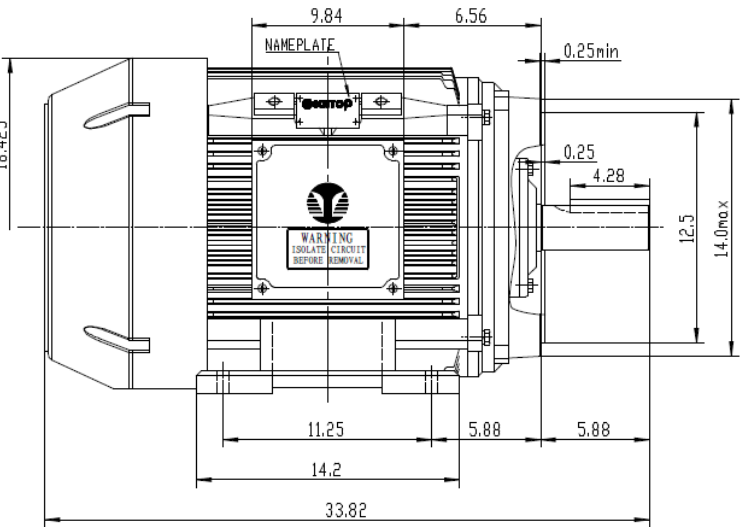
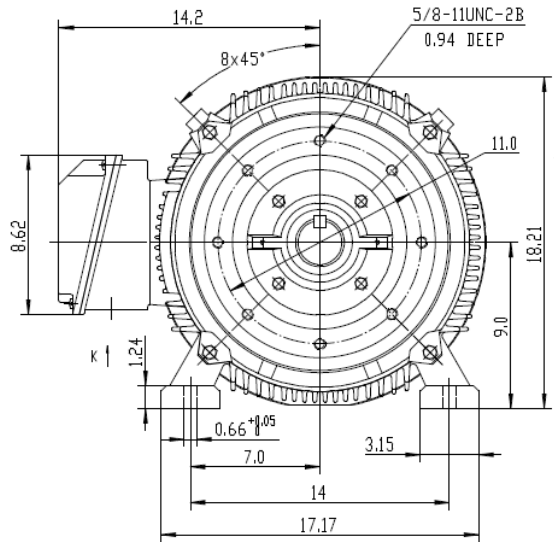
CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH Single Voltage SD3
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TECHTOP

ShangHai HIMAX Electrical
Machinery CO., LTD

NEMA TEFC 364TC CFC

Design	Standard
Checker	Allow
Auditing	Date

NO:	1HMY.010.027		
STEP MARK	1:5	SORT	Cast iron Motor