



Model Number XR3-CI-TF-324JM-2-BR-D-40-190|380-50

MFG PN T324TS40U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	40 HP	Frame Size	324
Rated Motor Speed	2945 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	489
Rated Motor Current	108.76/54.38 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	K	Insulation Class	H
Nominal Efficiency	93.3 %	Tropicalization	YES
Nominal Power Factor	0.894 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	71.163648 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	76.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

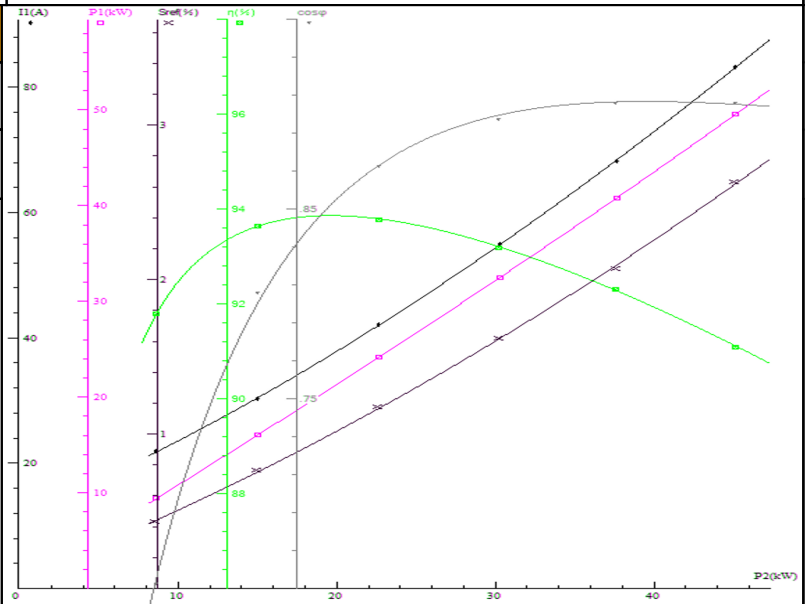
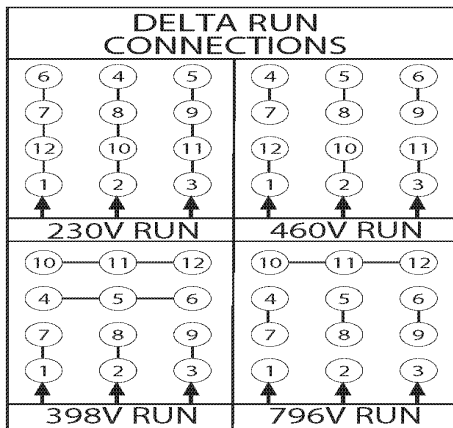
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	252	474.8	Rated Altitude (M)	1000
Breakdown	-	308	-	Coating	7024 - Graphite Grey
Pull Up	-	162	-	Shaft Grounding	YES
125% of FL	2937	-	68.1	Brake Voltage (DC)	--
75% of FL	2965	-	41.79	Brake Torque (N-M)	--
50% of FL	2977	-	30.42	Mechanical Data	
No Load	2997	-	15.97		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6312 C3
				Bearing NDE Side	6312 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

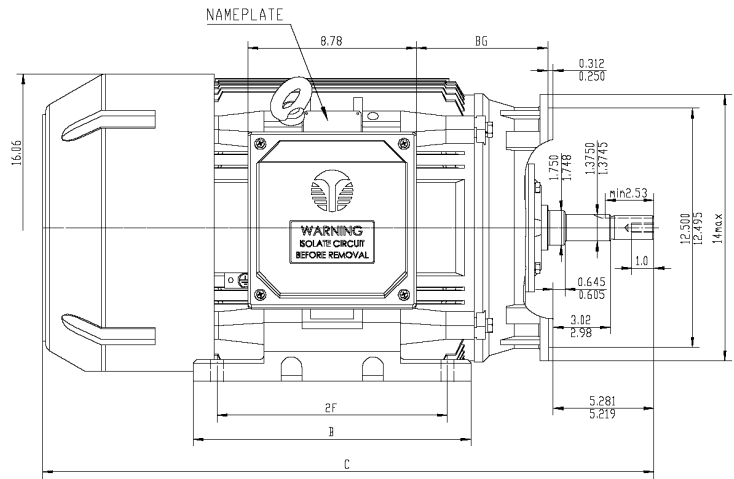
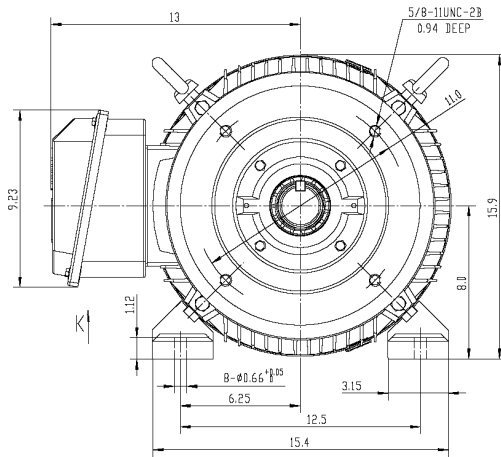
CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

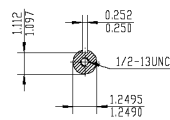
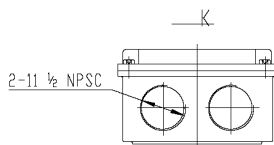
Wiring Diagram	3PH 12 Lead Dual Voltage
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



Model	2F	B	BG	C
324T	10.5	13	6.11	30.13
326T	10.5/12	14.5	6.88	31.73



 ShangHai HIMAK Electrical Machinery CO.,LTD		NEMA TEFC 320T JM	
		NO:	1HMY.010.JM006 CFC
Design	Standard	STEP MARK	1:4.5 SORT Cast iron Motor
Checker	Allow	S	
Auditing	Date		