



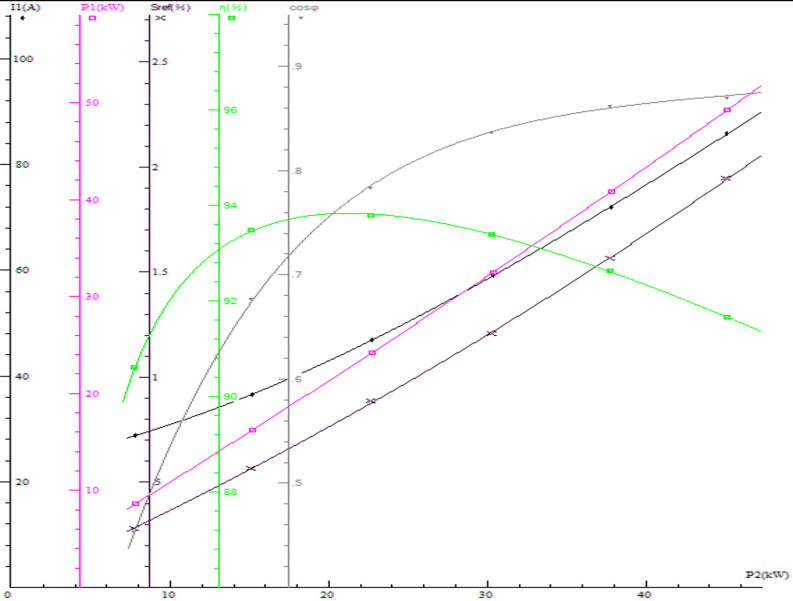
Model Number XR3-CI-OP-324TC-4-BR-D-40-190|380-50

MFG PN TDC324T40U4B

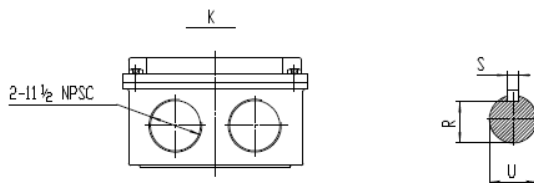
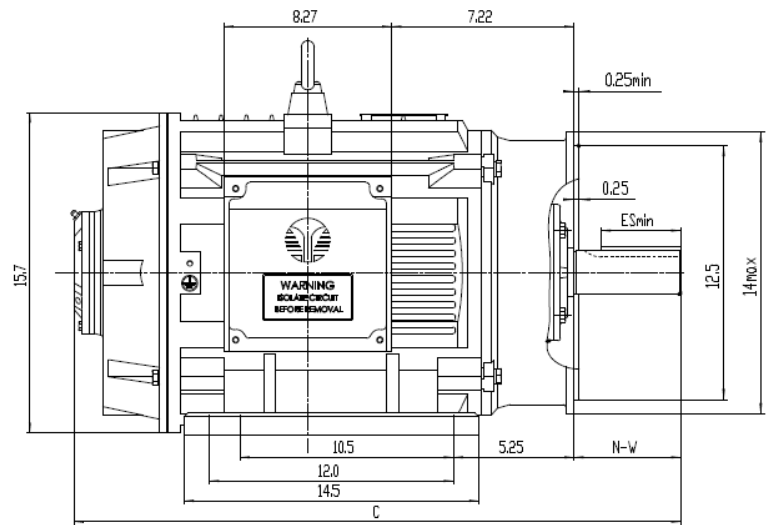
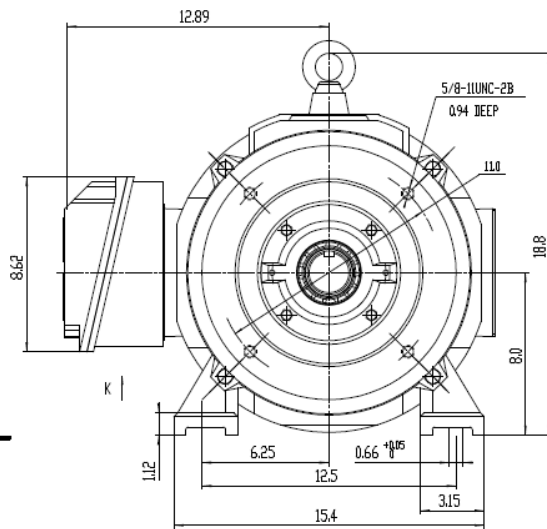
List Price --

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		1470 r/min		Enclosure	ODP
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	--
Rated Motor Current		113.58/56.79 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		J		Insulation Class	H
Nominal Efficiency		93.6 %		Tropicalization	YES
Nominal Power Factor		0.853 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		142.3568 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		51.7		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	289	474	Rated Altitude (M)	1000
Breakdown	-	298	-	Coating	7024 - Graphite Grey
Pull Up	-	211	-	Shaft Grounding	YES
125% of FL	1476	-	71	Brake Voltage (DC)	--
75% of FL	1487	-	46	Brake Torque (N-M)	--
50% of FL	1492	-	36	Mechanical Data	
No Load	1497	-	25	Bearing DE Side	6312 C3
Hazardous Location	--			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				
6 7 12 1 4 8 10 2 5 9 11 3 230V RUN 4 7 12 1 5 8 10 2 6 9 11 3 460V RUN 10 4 7 1 11 5 8 2 12 6 9 3 398V RUN 10 4 7 1 11 5 8 2 12 6 9 3 796V RUN					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



Model	C	N-W	ES	R	U	S	H	ND
TDC 320TC	29.1	5.25	3.92	1.845	2.125	0.5	0.5	1HMY.010.P017
TDC 320TSC	27.6	3.75	2.05	1.59	1.875	0.5	0.5	1HMY.010.P018

TECHTOP ShangHai HIMAK Electrical Machinery CO.,LTD		TDC 320TC	
Design	Standard	ND	1HMY.010.P017-018
Checker	Allow	STEP MARK	1:4 SORT Cast iron Motor
Autiting	Date		