



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

MFG PN TDC324T40U4B

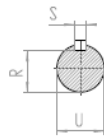
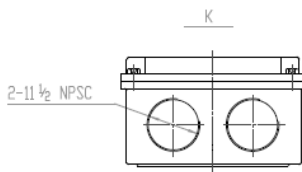
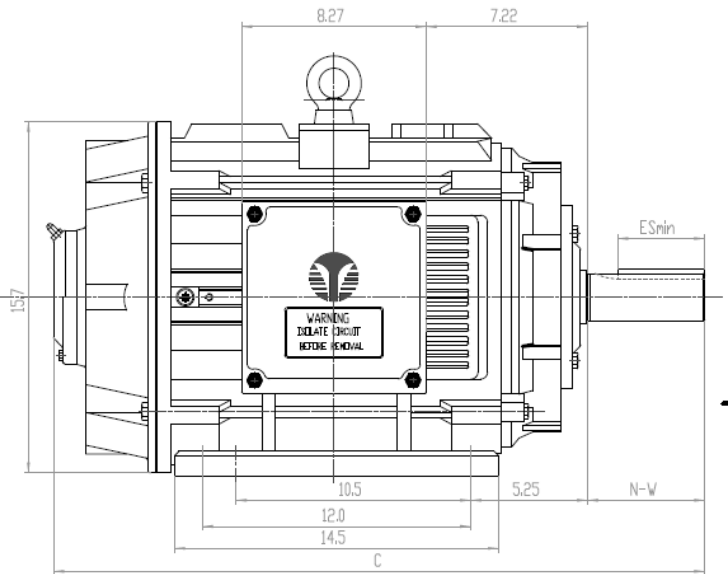
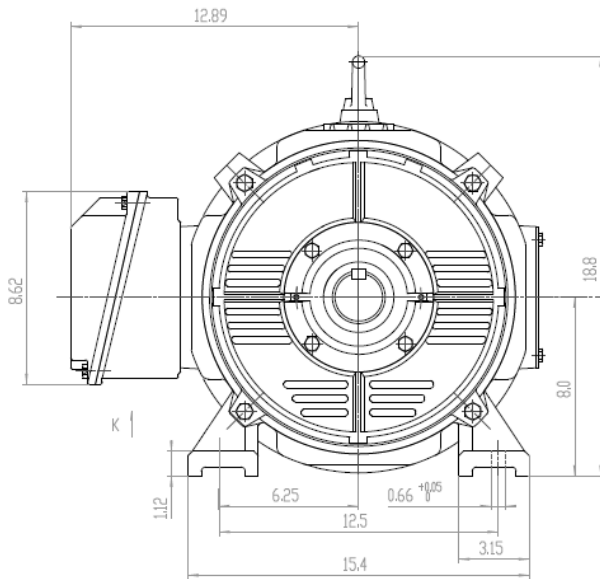
List Price --

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	NO.
TDC 320T	29.1	5.25	3.92	1.845	2.125	0.5	0.5	1HMY.010.P004
TDC 320TS	27.6	3.75	2.05	1.59	1.875	0.5	0.5	1HMY.010.P005

TECHTOP		TDC 320T(S)	
ShangHai HIMAK Electrical Machinery CO.,LTD		NO: 1HMY.010.P004-005	
Design	Standard	STEP MARK	1:4 SORT Cast Iron Motor
Checker	Allow		
Auditing	Date		