



Model Number GR3-CI-OP-324T-4-BR-D-40-230|460-60

MFG PN TDC324T40U4B

List Price --

All data shown at HIGH voltage setting

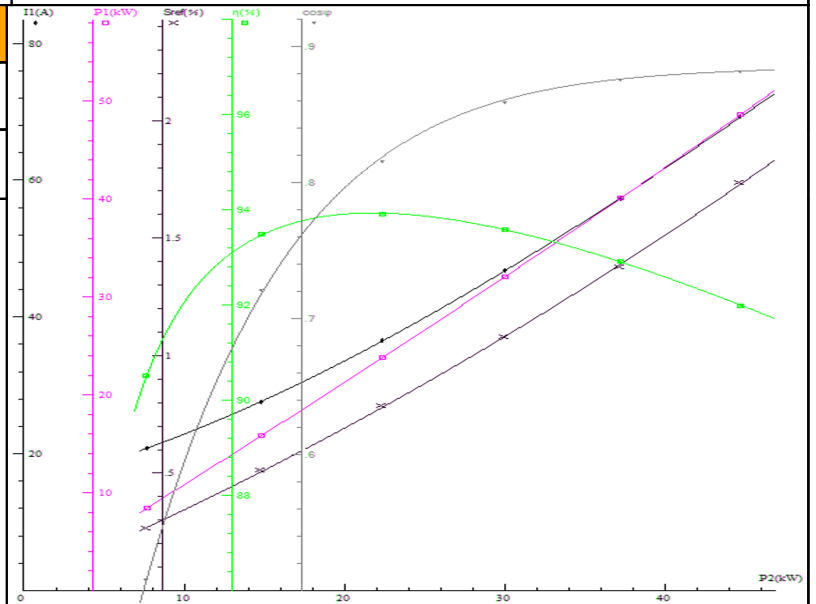
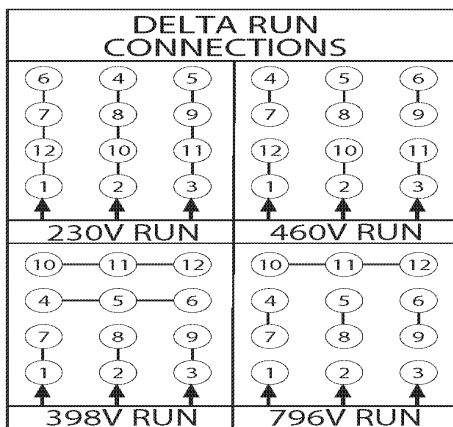
Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	40 HP	Frame Size	324
Rated Motor Speed	1770 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	517
Rated Motor Current	93.05/46.52 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	E	Insulation Class	F
Nominal Efficiency	94.1 %	Tropicalization	YES
Nominal Power Factor	86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	118.47 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	57.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	333	251	40	
Breakdown	-	314	-	Rated Altitude (M)	
Pull Up	-	223	-	1000	
125% of FL	1775	-	55.92	Coating	
75% of FL	1786	-	35.45	7024 - Graphite Grey	
50% of FL	1791	-	29.33	Shaft Grounding	
No Load	1797	-	15.46	NO	
Hazardous Location				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	
--				Mechanical Data	
				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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Base Frame GR-324T-CI-OP

FRAME: 324T

HP:

RPM:

PHASE: 3

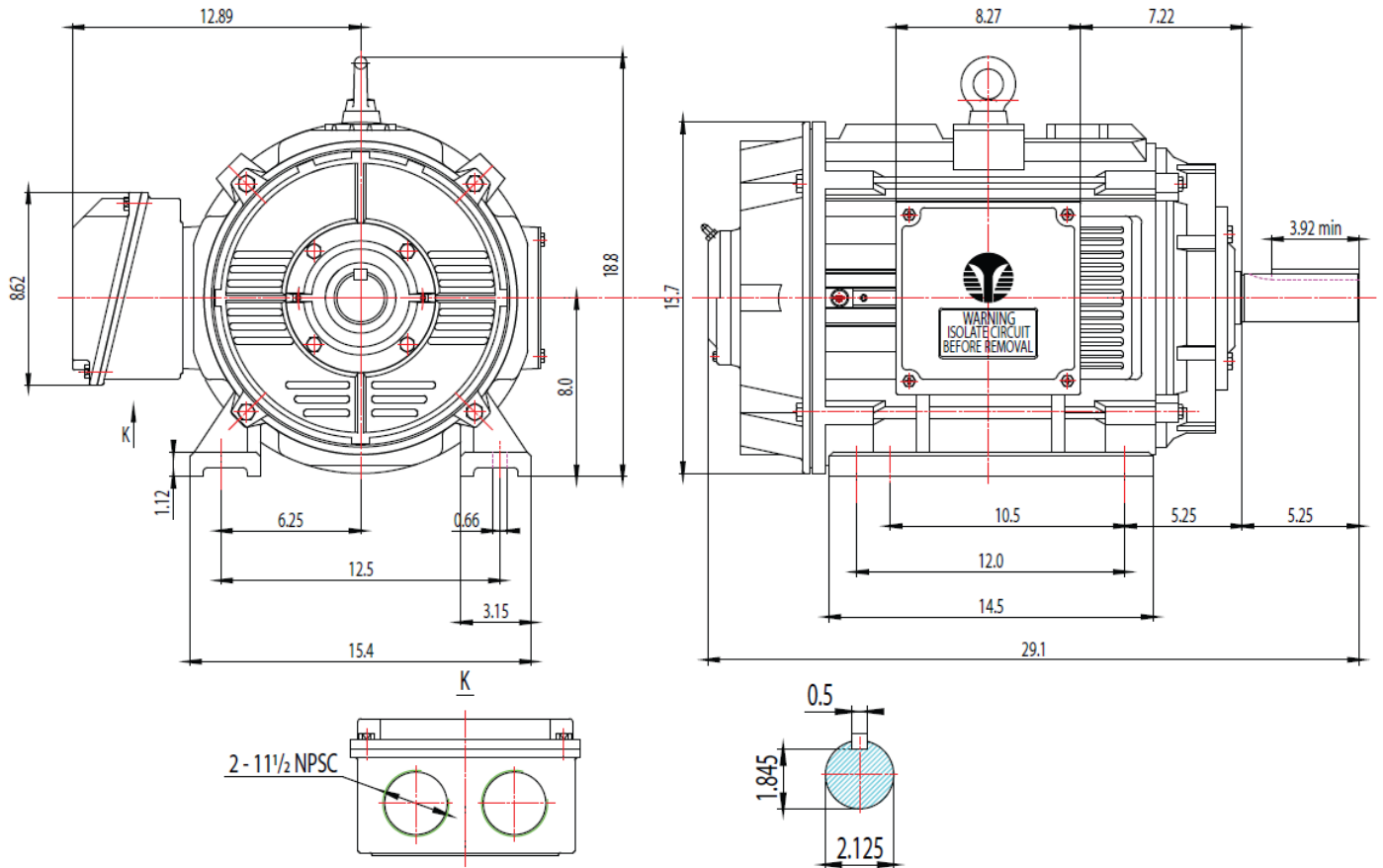
VOLT: 208-230V

ENCL: OPEN DRIP

FREQ: 60 Hz

FLA:

LRA:



MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 6/11/2018
WWW.TECHTOP.COM

MODEL NUMBER:

GR3-CI-OP-324T

MFG PN:

REV. BY DATE

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CHANGES

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