TECHTOP electric motors	**Model Number**	**GR3-CI-OP-444T-4-BR-E-150-460-60**
	MFG PN	**TDC444T150U4B**
	List Price	**--**

All data shown at HIGH voltage setting — Format: STD 3 Phase

Electrical Data	
Rated Motor Output Power	150 HP
Rated Motor Speed	1785 r/min
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ
Rated Motor Current	330/165 Amps
Service Factor	1.15
KVA Code	G
Nominal Efficiency	95.8 %
Nominal Power Factor	0.89 cosθ
Full Load Torque Ft-Lb	-- Ft-Lb
Temp Rise @ Full Load °C	34.9
Efficiency Level	IE3 - NEMA Premium

Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	232	1201
Breakdown	-	324	-
Pull Up	-	121	-
125% of FL	1786	-	214.23
75% of FL	1792	-	137
50% of FL	1795	-	104.95
No Load	1799	-	2.4
Hazardous Location	--		

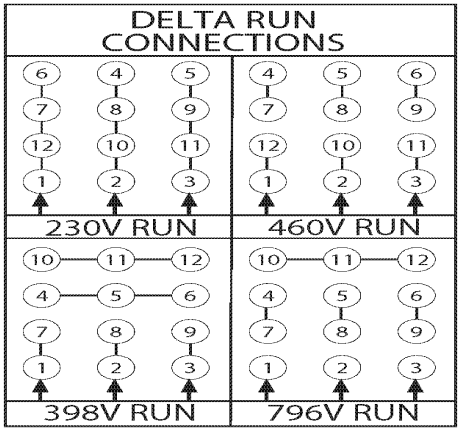
General Data	
Frame Size	444
Enclosure	TEFC
Approximate Weight	1348.6
NEMA Design	A
IP Rating	55
Insulation Class	F
Tropicalization	YES
Duty	Cont.
Cable Entry	1.25
Feet Removable	YES
Double Drilled	NO
Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7024 - Graphite Grey
Shaft Grounding	NO
Brake Voltage (DC)	--
Brake Torque (N-M)	--
Mechanical Data	
Bearing DE Side	6319 C3
Bearing NDE Side	6319 C3
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

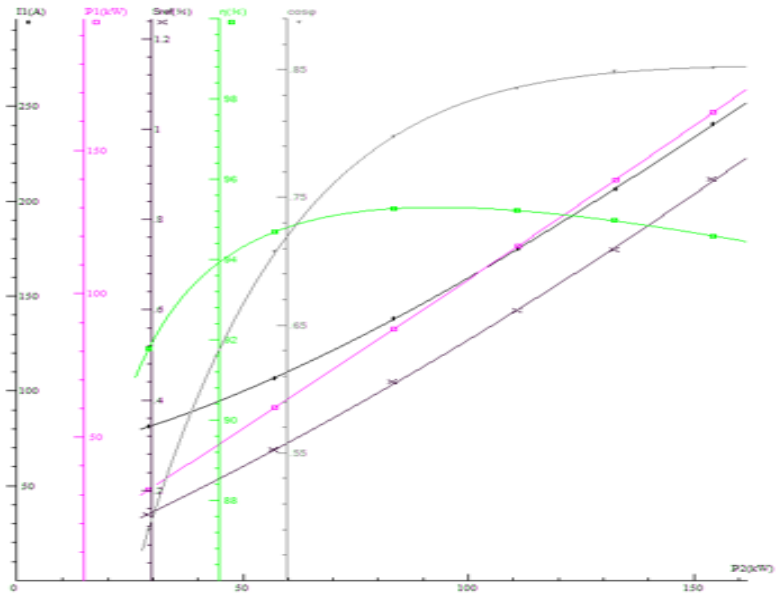
CT VFD Range	--
Loaded Torque Curves	**--**

P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A

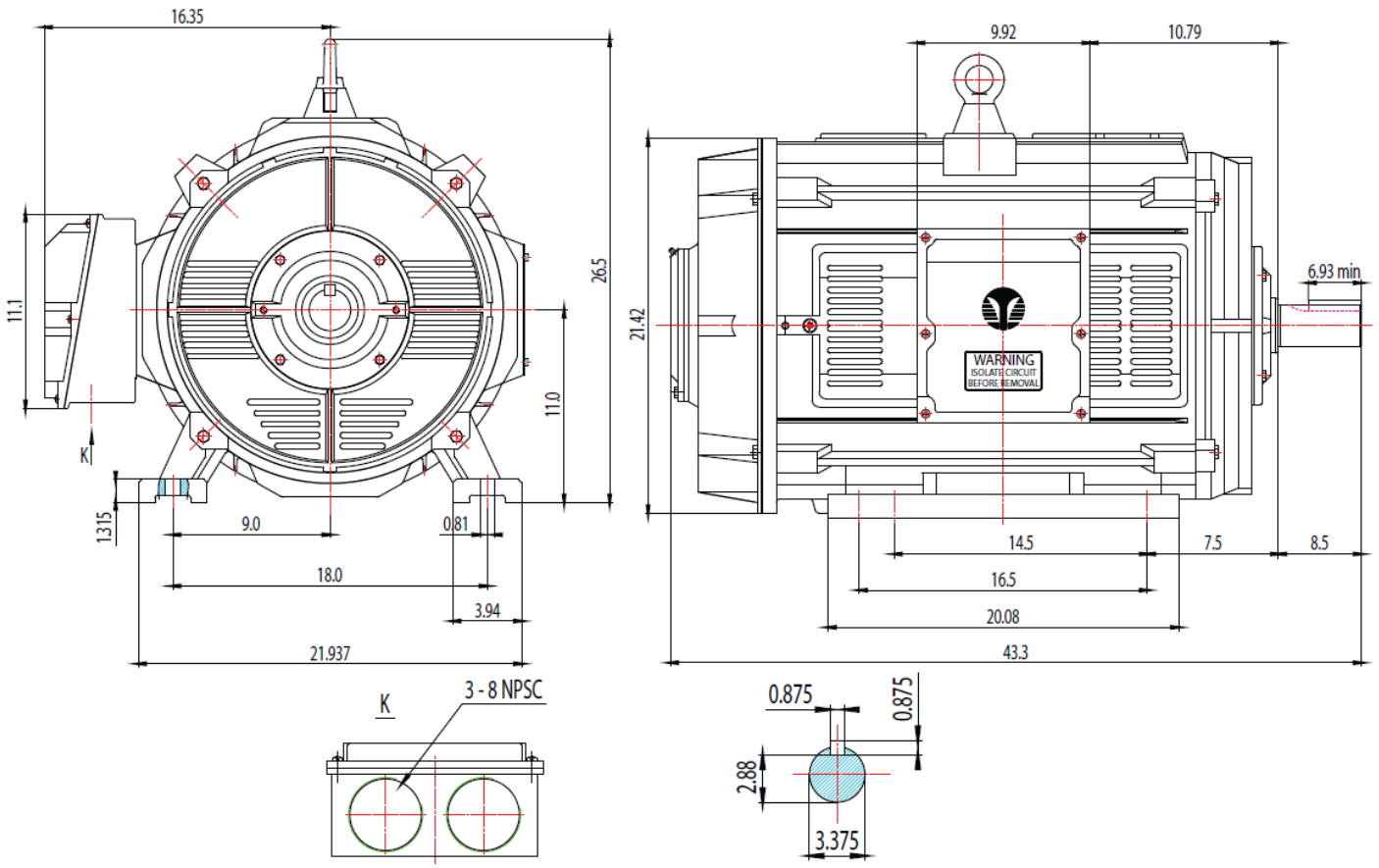
Wiring Diagram	**3PH 12 Lead Dual Voltage**





Model Number	GR3-CI-OP-444T-4-BR-E-150-460-60
MFG PN	TDC444T150U4B
List Price	--
Base Frame	GR-444T-CI-OP

FRAME: 444T	HP:	RPM:	PHASE: 3	VOLT: 208-230V	ENCL: OPEN DRIP	FREQ: 60 Hz	FLA:	LRA:



MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-CI-OP-444T	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

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

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