



Model Number	GR3-CI-OP-444TC-4-BR-E-125-460-60
MFG PN	TDC444T125U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	125 HP	Frame Size	444
Rated Motor Speed	1785 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	276/138 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	G	Insulation Class	F
Nominal Efficiency	95.4 %	Tropicalization	YES
Nominal Power Factor	0.89 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	-- Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	72.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	197	6.72	Bearing DE Side	6319 C3
Breakdown	-	185	-	Bearing NDE Side	6319 C3
Pull Up	-	89	-	Moment of Inertia	-- kg.m2
125% of FL	1781	-	174	Noise Level	Per NEMA dB (A)
75% of FL	1790	-	103.68		
50% of FL	1793	-	73.63		
No Load	--	-	33.66		

Hazardous Location	--	Loaded Torque Curves		--
--------------------	----	----------------------	--	----

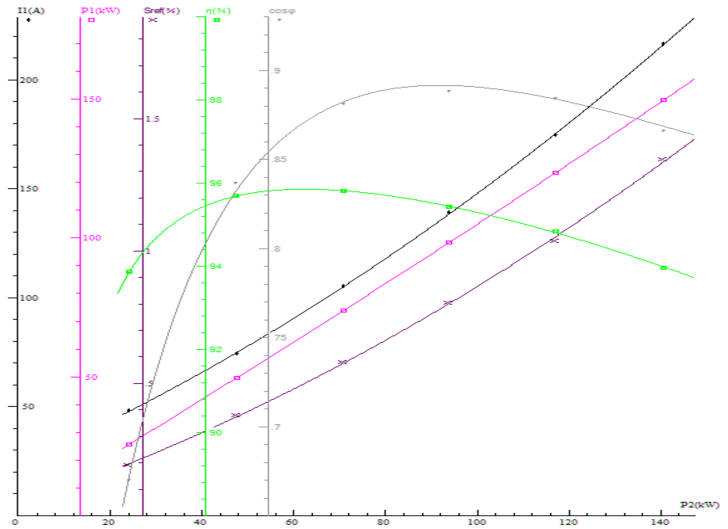
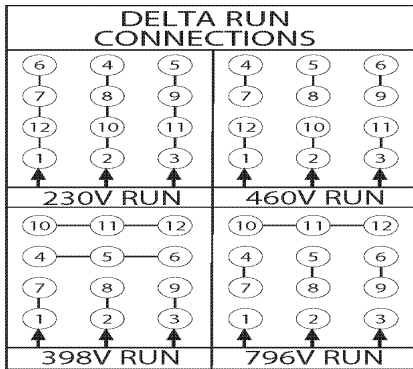
CT VFD Range

--

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

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

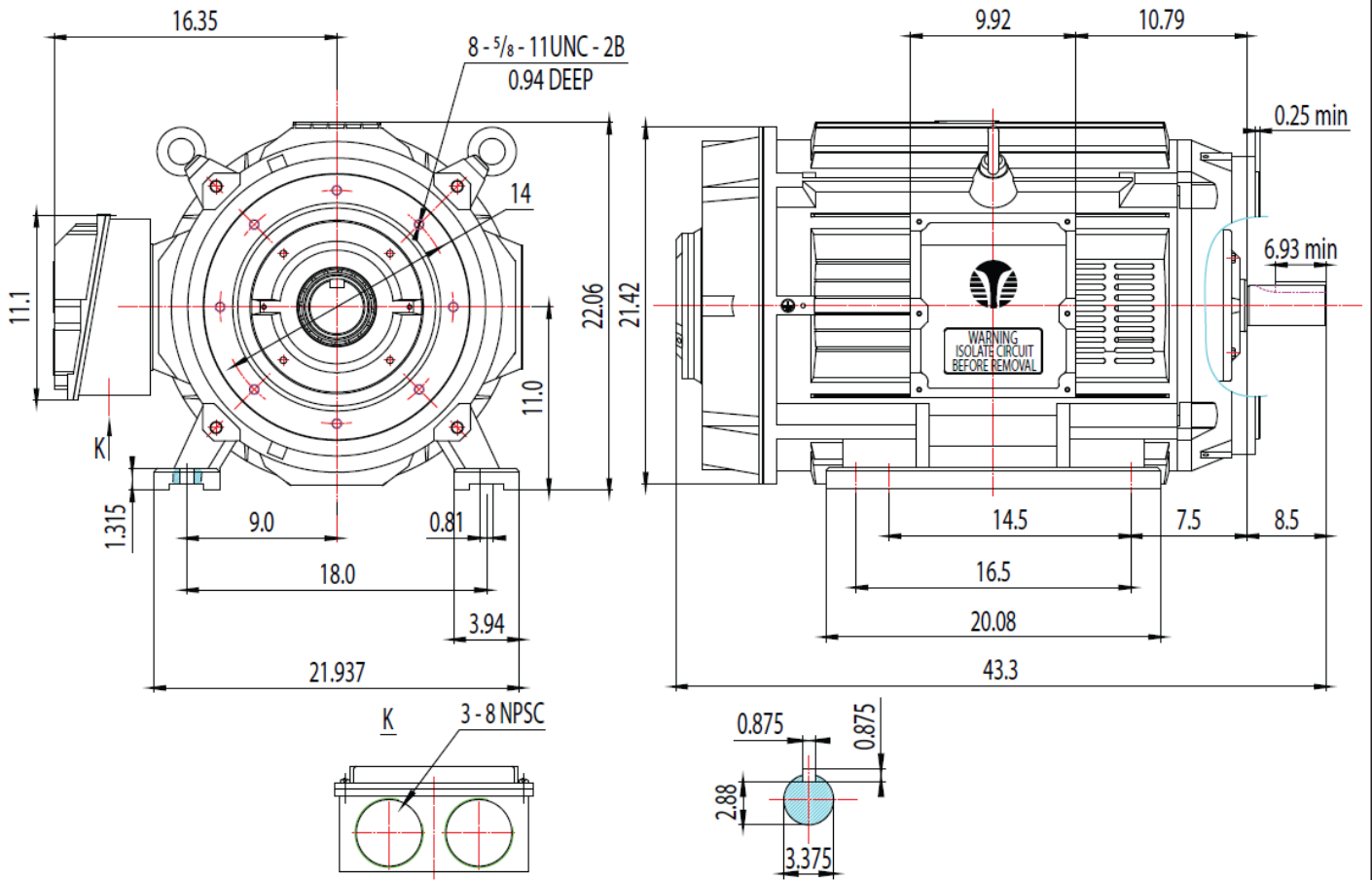
Wiring Diagram 3PH 12 Lead Dual Voltage





Model Number	GR3-CI-OP-444TC-4-BR-E-125-460-60
MFG PN	TDC444T125U4B
List Price	--
Base Frame	GR-444TC-CI-OP

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



TECHTOP
 MATERIAL: ALUMINUM
 UNITS: INCH BY: SSEE
 DRAWN: 6/13/2018
 WWW.TECHTOP.COM

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

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