



Model Number GR3-CI-OP-256TC-4-BR-D-20-230|460-60

MFG PN TDC256T20U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

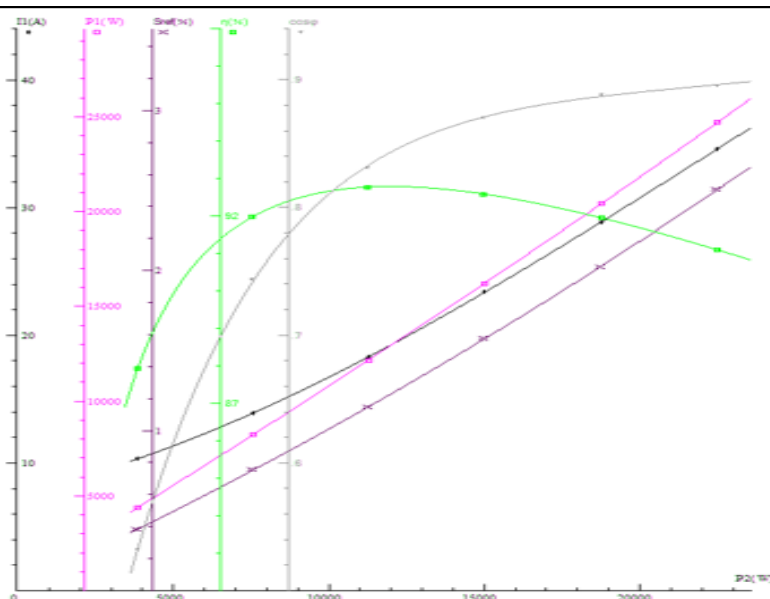
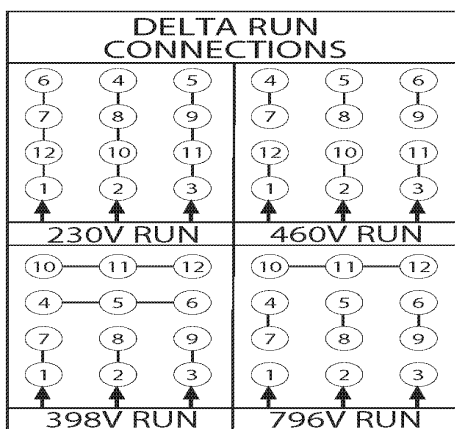
General Data

Rated Motor Output Power	20 HP	Frame Size	256
Rated Motor Speed	1760 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	250.8
Rated Motor Current	48.78/24.39 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	G	Insulation Class	F
Nominal Efficiency	93 %	Tropicalization	YES
Nominal Power Factor	83 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	59.59 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	256	143	Rated Altitude (M)	1000
Breakdown	-	339	-	Coating	7024 - Graphite Grey
Pull Up	-	190	-	Shaft Grounding	NO
125% of FL	1765	-	27.84	Brake Voltage (DC)	--
75% of FL	1780	-	17.43	Brake Torque (N-M)	--
50% of FL	1786	-	12.84	Mechanical Data	
No Load	--	-	6.92		
Hazardous Location				Bearing DE Side	6309 C3
				Bearing NDE Side	6309 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
$P_1 = \text{INPUT POWER (KW)}$, $S = \text{Slip (\% of Sync RPM)}$, $\eta = \text{Efficiency (\%)}$, $\cos\phi = \text{Power Factor}$			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		



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Base Frame GR-256TC-CI-OP

FRAME: 256TC

HP:

RPM:

PHASE: 3

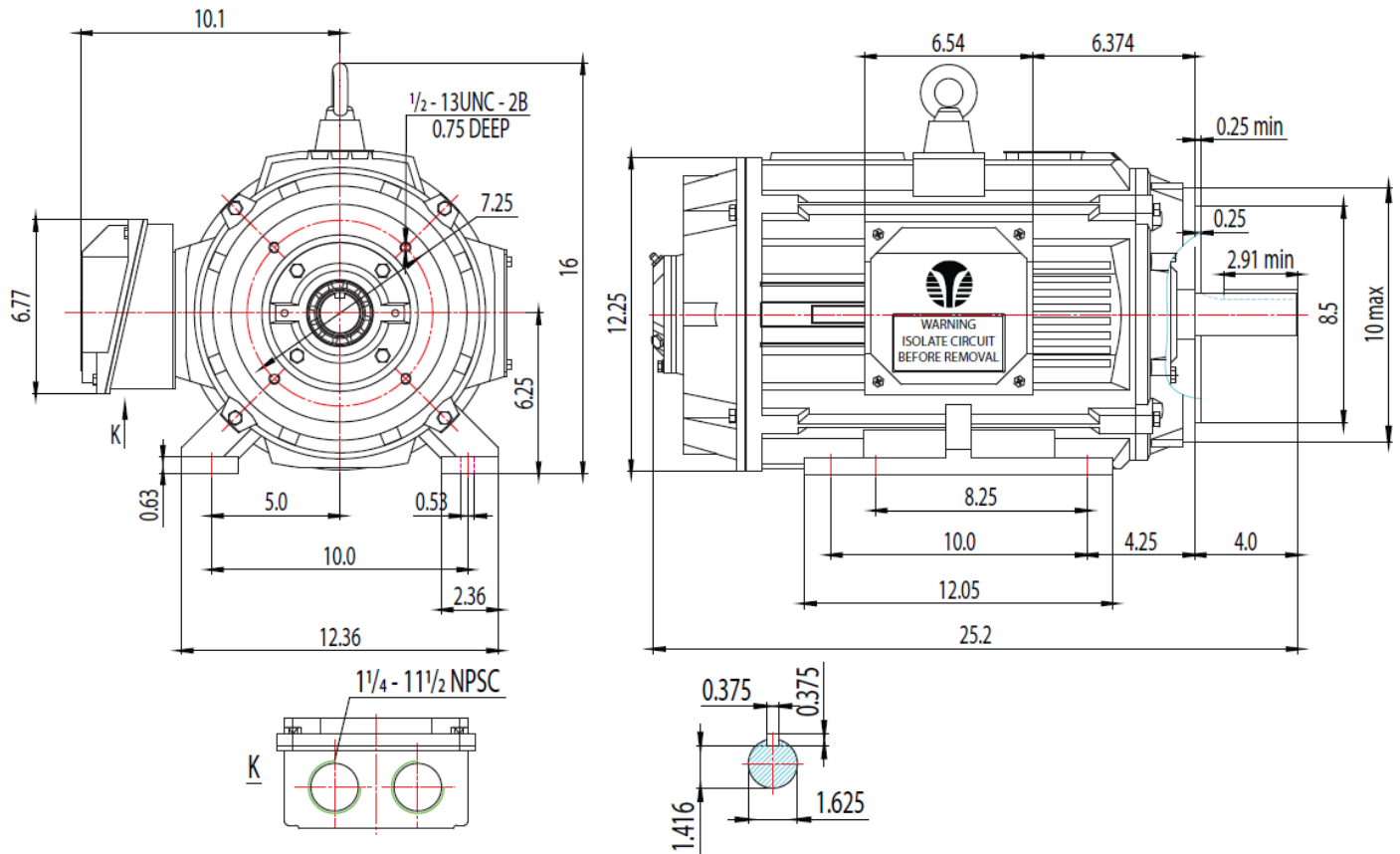
VOLT: 208-230V

ENCL: OPEN DRIP

FREQ: 60 Hz

FLA:

LRA:



MODEL NUMBER:

GR3-CI-OP-256TC

MFG PN:

REV.

BY

DATE

CHANGES

1

2

3

4

5

6

7

MATERIAL: ALUMINUM

UNITS: INCH BY: SSEE

DRAWN: 6/13/2018

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