Model Number	**GR3-AL-TF-56J-4-B-D-2-230|460-60**
MFG PN	**T56H 2U4B**
List Price	**--**

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

Electrical Data	
Rated Motor Output Power	2 HP
Rated Motor Speed	1740 r/min
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ
Rated Motor Current	5.72/2.86 Amps
Service Factor	1.25
KVA Code	L
Nominal Efficiency	86.5 %
Nominal Power Factor	0.75 cosθ
Full Load Torque Ft-Lb	6.64 Ft-Lb
Temp Rise @ Full Load °C	27
Efficiency Level	IE3 - NEMA Premium

Load Data	RPM	Trq %FL	Current Amps
Locked Rotor	-	370	8.54
Breakdown	-	417	-
Pull Up	-	332	-
125% of FL	1728	-	3.33
75% of FL	1760	-	2.36
50% of FL	1774	-	2
No Load	--	-	1.68

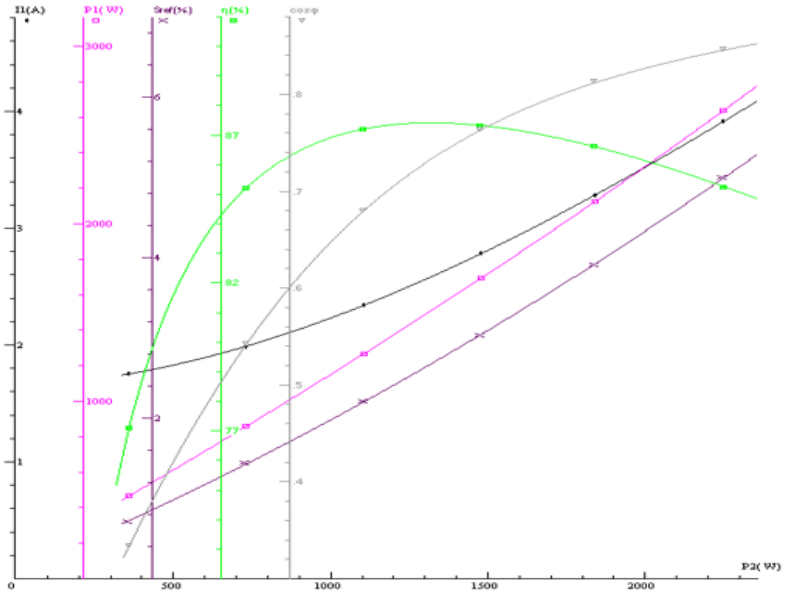
Hazardous Location	**Class 1, Div 2, Grp A,B,C,D**
CT VFD Range	--

General Data	
Frame Size	56
Enclosure	TEFC
Approximate Weight	41.5
NEMA Design	B
IP Rating	55
Insulation Class	F
Tropicalization	YES
Duty	cont
Cable Entry	1/2"-14 NPT
Feet Removable	YES
Double Drilled	NO
Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7070 - Graphite Grey
Shaft Grounding	NO
Brake Voltage (DC)	--
Brake Torque (N-M)	--

Mechanical Data	
Bearing DE Side	6204ZZ
Bearing NDE Side	6204ZZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

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

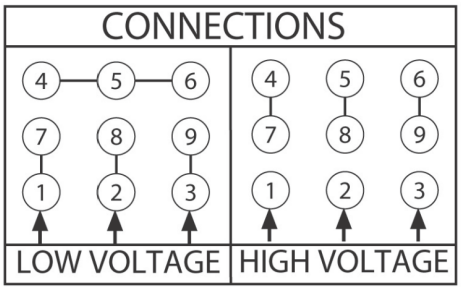
Wiring Diagram — **3PH 9 Lead Dual Voltage**

3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

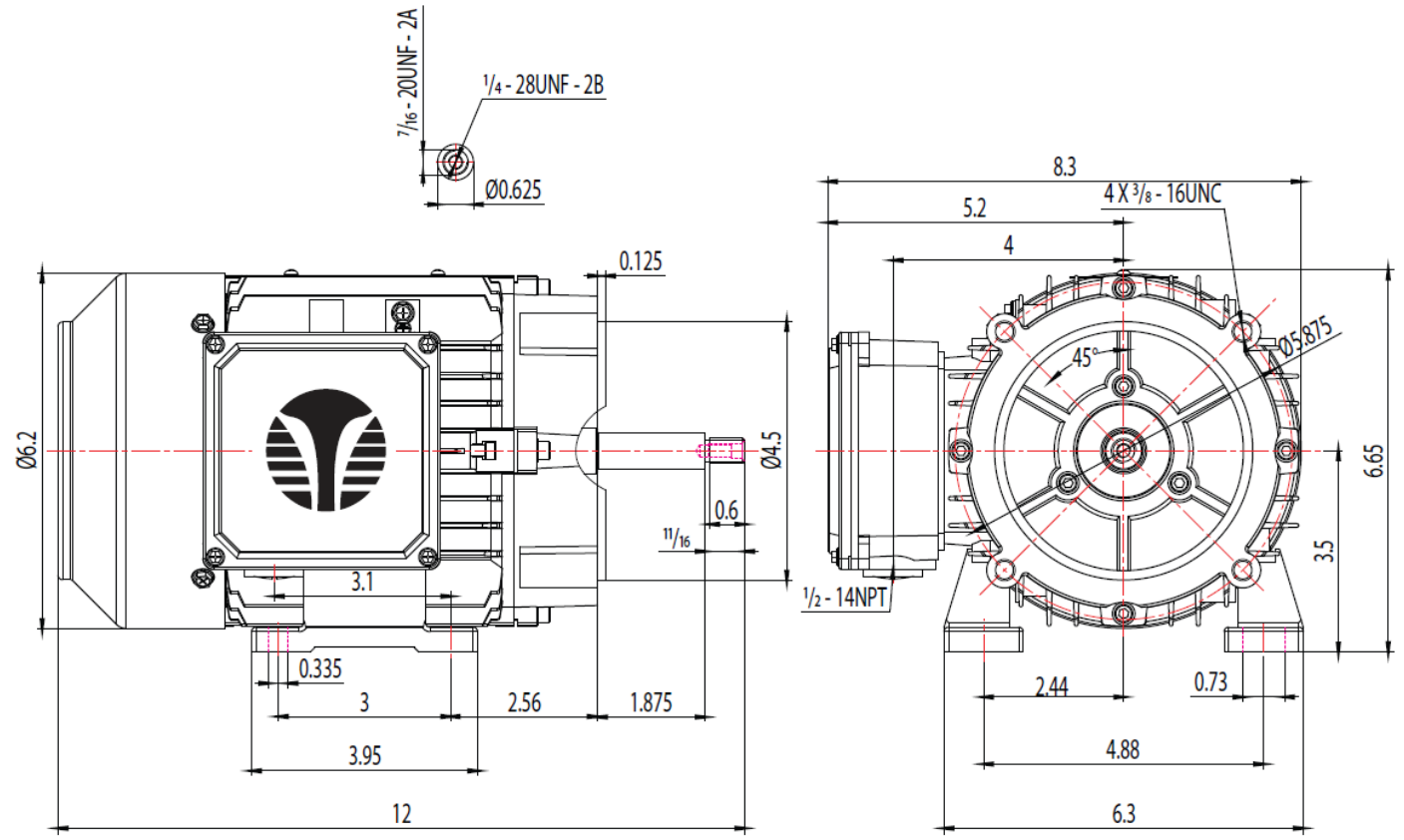
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom



Model Number	GR3-AL-TF-56J-4-B-D-2-230|460-60
MFG PN	T56H 2U4B
List Price	--
Base Frame	GR-56J-AL-TF

FRAME: 56J	HP:	RPM:	PHASE: 3	VOLT: 115/208-230V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:



MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-AL-TF-56J	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 6/11/2018
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