



Model Number GR3-AL-TF-56J-4-B-D-.5-230|460-60

MFG PN T56 1/2U4B

List Price --

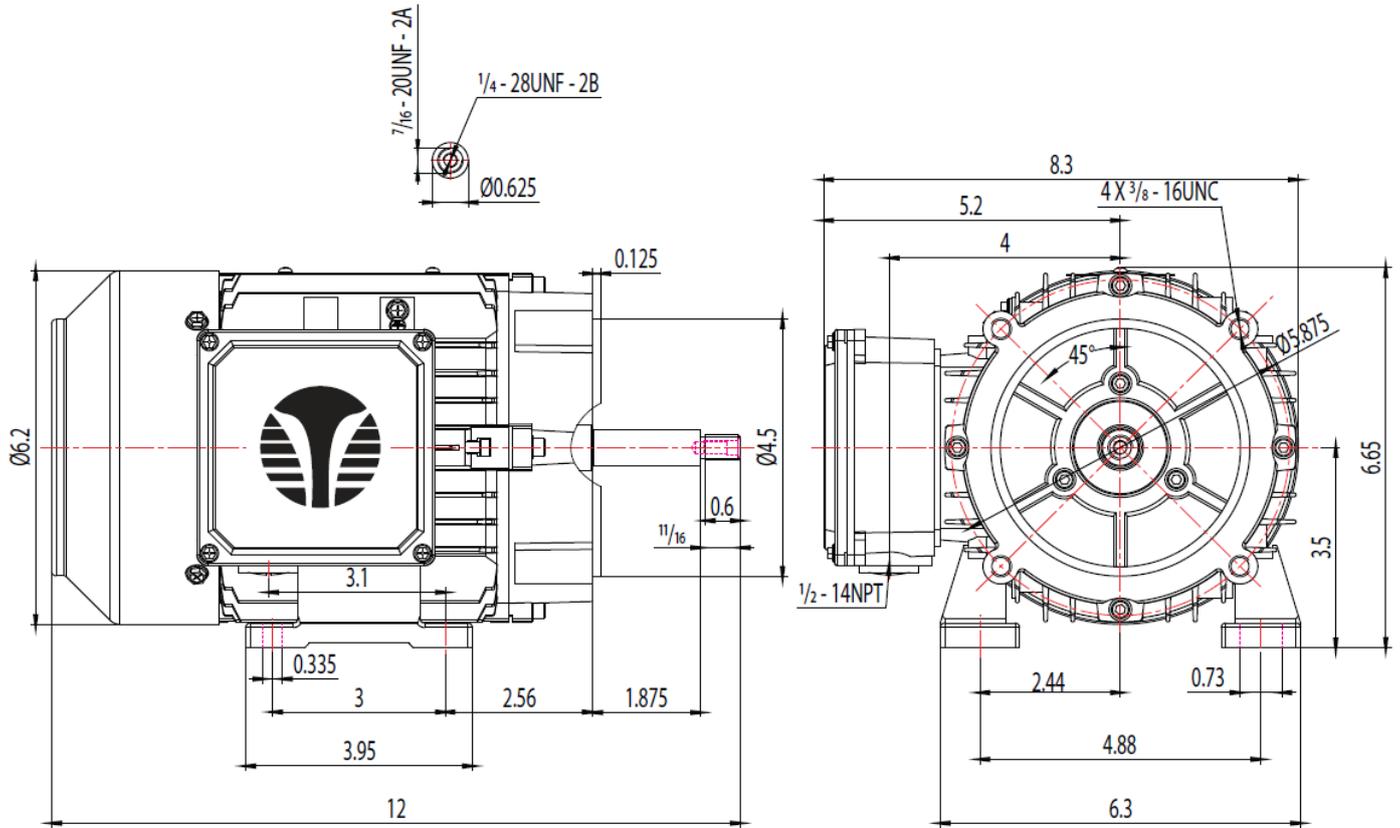
All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data				General Data																									
Rated Motor Output Power	0.5 HP			Frame Size	56																								
Rated Motor Speed	1750 r/min			Enclosure	TEFC																								
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	17.57																								
Rated Motor Current	1.8/0.9 Amps			NEMA Design	B																								
Service Factor	1.25			IP Rating	55																								
KVA Code	L			Insulation Class	F																								
Nominal Efficiency	78.5 %			Tropicalization	YES																								
Nominal Power Factor	0.66 cosθ			Duty	cont																								
Full Load Torque Ft-Lb	1.64 Ft-Lb			Cable Entry	1.25																								
Temp Rise @ Full Load °C	25.4			Feet Removable	YES																								
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO																								
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																								
Locked Rotor	-	324	5.7	Rated Altitude (M)	1000																								
Breakdown	-	374	-	Coating	7066 - Graphite Grey																								
Pull Up	-	273	-	Shaft Grounding	NO																								
125% of FL	1735	-	1	Brake Voltage (DC)	--																								
75% of FL	1764	-	0.81	Brake Torque (N-M)	--																								
50% of FL	1776	-	0.75	Mechanical Data																									
No Load	--	-	0.71	Bearing DE Side	6204ZZ																								
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6204ZZ																								
				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 9 Lead Dual Voltage																												
<p>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</p> <p>CONNECTIONS</p> <table border="1"> <tr> <td>4</td><td>5</td><td>6</td> <td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td> <td>7</td><td>8</td><td>9</td> </tr> <tr> <td>1</td><td>2</td><td>3</td> <td>1</td><td>2</td><td>3</td> </tr> <tr> <td colspan="3">LOW VOLTAGE</td> <td colspan="3">HIGH VOLTAGE</td> </tr> </table>						4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	LOW VOLTAGE			HIGH VOLTAGE		
4	5	6	4	5	6																								
7	8	9	7	8	9																								
1	2	3	1	2	3																								
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<p>Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540</p>																													

Model Number	GR3-AL-TF-56J-4-B-D-.5-230 460-60
MFG PN	T56 1/2U4B
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:
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MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-AL-TF-56J	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			