



Model Number GR3-AL-TF-56J-2-B-D-1-230|460-60

MFG PN T56 1U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	1 HP	Frame Size	56
Rated Motor Speed	3490 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	18.1
Rated Motor Current	3.10/1.55 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	79 %	Tropicalization	YES
Nominal Power Factor	0.77 cosθ	Duty	cont
Full Load Torque Ft-Lb	1.656 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	53.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	11.3	Rated Altitude (M)	1000
Breakdown	-	316	-	Coating	7062 - Graphite Grey
Pull Up	-	217	-	Shaft Grounding	NO
125% of FL	3464	-	1.77	Brake Voltage (DC)	--
75% of FL	3525	-	1.32	Brake Torque (N-M)	--
50% of FL	3550	-	1.17	Mechanical Data	
No Load	--	-	1.1		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6204ZZ
				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
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File Numbers	323353	224693	096A
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Wiring Diagram	3PH 9 Lead Dual Voltage
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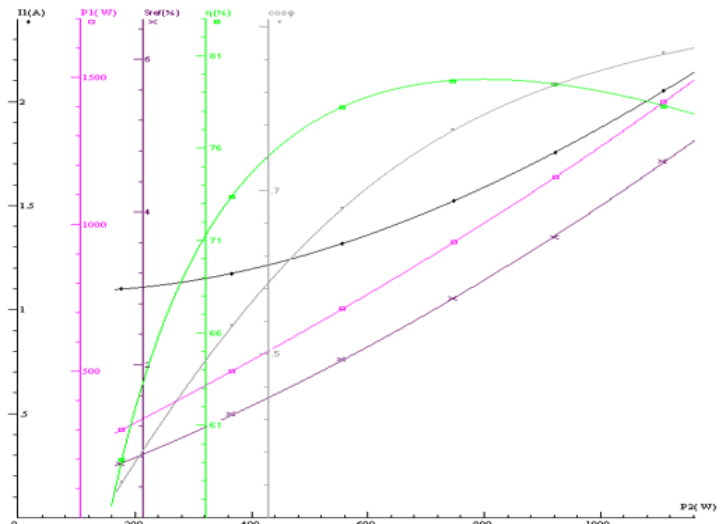
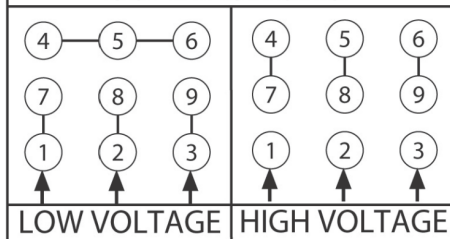
3 Phase - YY/Y - 9 Lead

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

CONNECTIONS



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

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

