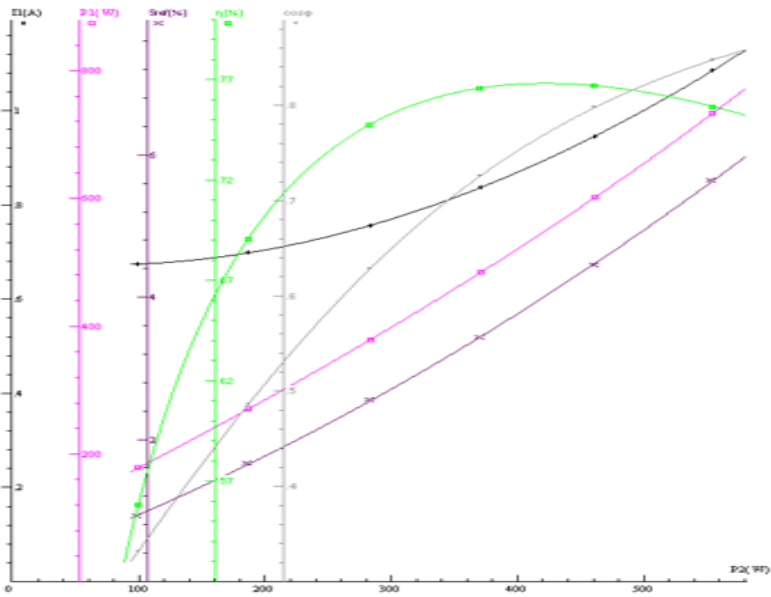
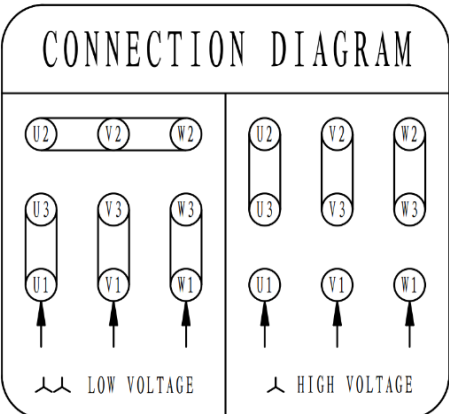




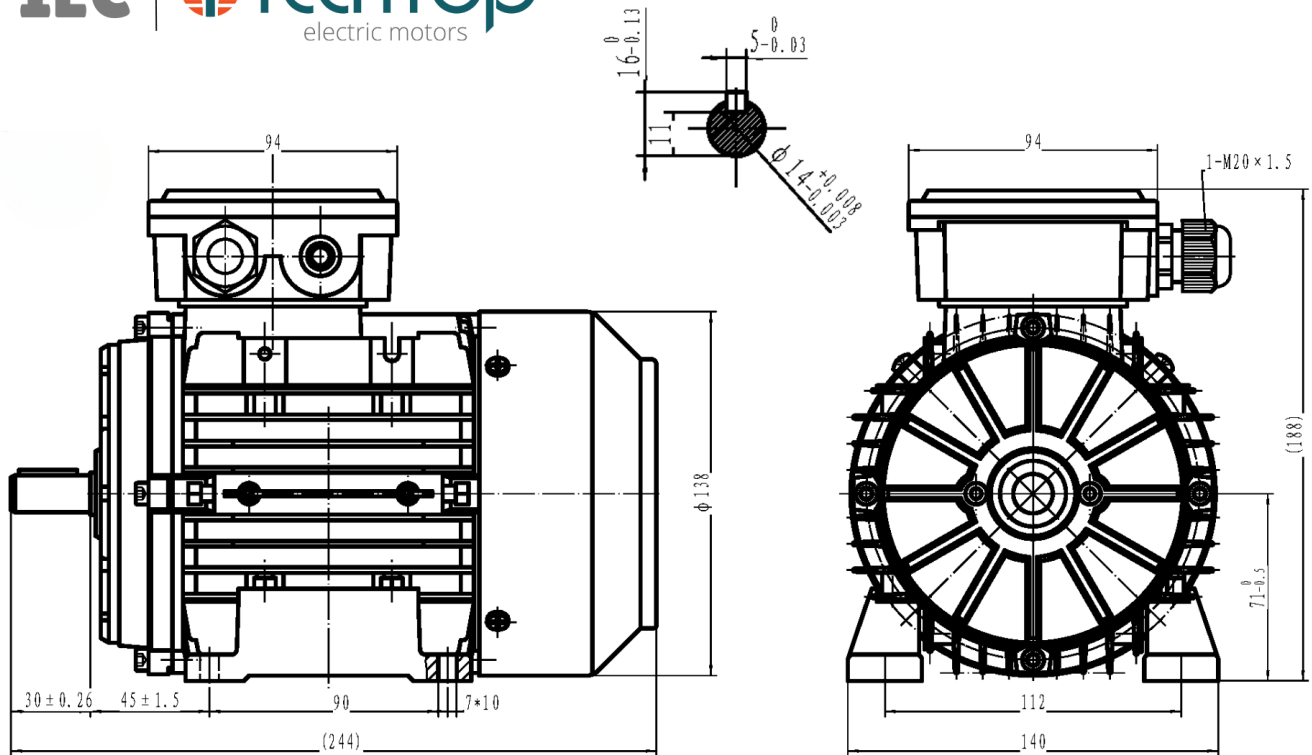
Model Number	GR3-AL-TF-71B3-2-B-D-.5-208-230 460-60
MFG PN	T 711-2
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		0.5 HP		Frame Size	71
Rated Motor Speed		3460 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		208-230 460-60 Volts - HZ		Approximate Weight	14.52
Rated Motor Current		1.87-1.70/0.85 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		74 %		Tropicalization	YES
Nominal Power Factor		0.74 cosθ		Duty	cont
Full Load Torque Ft-Lb		0.7376 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		26.2		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	316	6.74	Rated Altitude (M)	1000
Breakdown	-	342	-	Coating	7024 - Graphite Grey
Pull Up	-	279	-	Shaft Grounding	NO
125% of FL	3438	-	0.94	Brake Voltage (DC)	--
75% of FL	3510	-	0.75	Brake Torque (N-M)	--
50% of FL	3541	-	0.69	Mechanical Data	
No Load	--	-	0.68	Bearing DE Side	6202ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6202ZZ
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
				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 9 Lead IEC Dual Voltage				
CONNECTION DIAGRAM 					

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



MODEL NUMBER	GR3-71B3-AL-TF	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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