



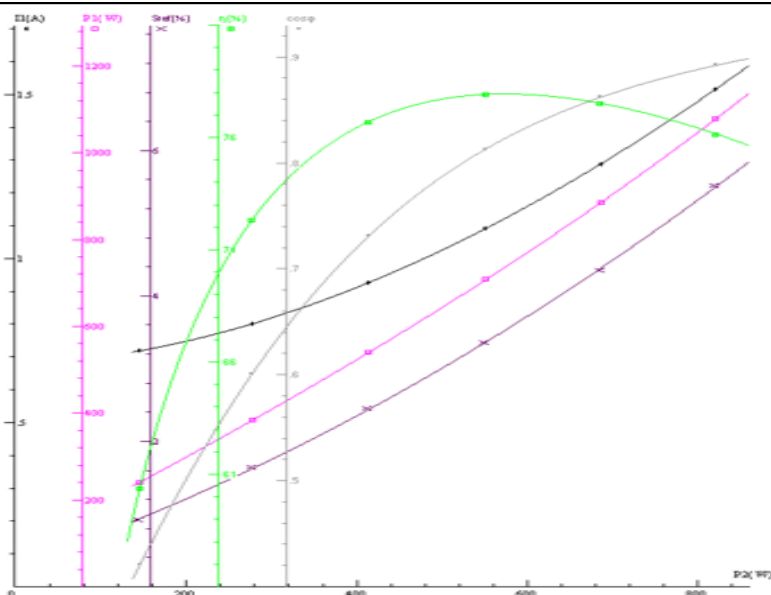
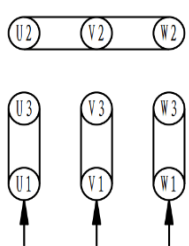
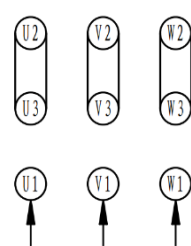
Model Number GR3-AL-TF-71B35-2-B-D-.75-208-230|460-60

MFG PN T 712-2

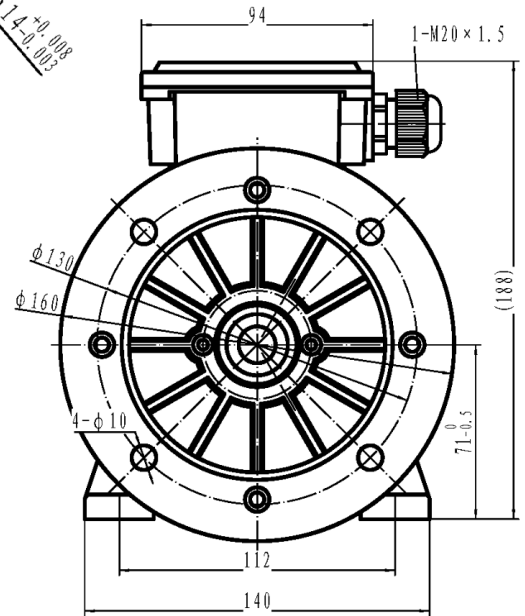
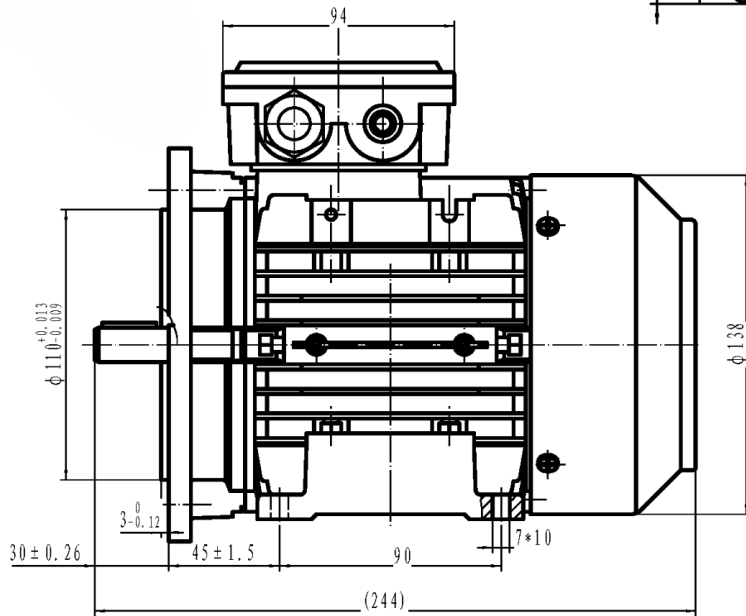
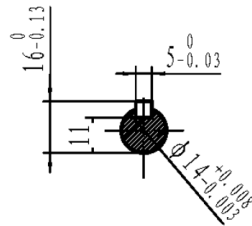
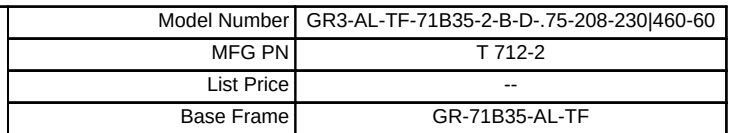
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		0.75 HP		Frame Size	71
Rated Motor Speed		3470 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		208-230 460-60 Volts - HZ		Approximate Weight	16
Rated Motor Current		2.46-2.24/1.12 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	55
KVA Code		J		Insulation Class	F
Nominal Efficiency		77 %		Tropicalization	YES
Nominal Power Factor		0.8 cosθ		Duty	cont
Full Load Torque Ft-Lb		1.1064 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		28.3		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	315	8.6	Rated Altitude (M)	1000
Breakdown	-	344	-	Coating	7024 - Graphite Grey
Pull Up	-	243	-	Shaft Grounding	NO
125% of FL	3474	-	1.37	Brake Voltage (DC)	--
75% of FL	3529	-	1.05	Brake Torque (N-M)	--
50% of FL	3552	-	0.94	Mechanical Data	
No Load	--	-	0.88	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)
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 IEC Dual Voltage				
CONNECTION DIAGRAM U2 V2 W2 U3 V3 W3 U1 V1 W1 LOW VOLTAGE  U2 V2 W2 U3 V3 W3 U1 V1 W1 HIGH VOLTAGE 					

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



MODEL NUMBER	GR3-71B35-AL-TF	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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