



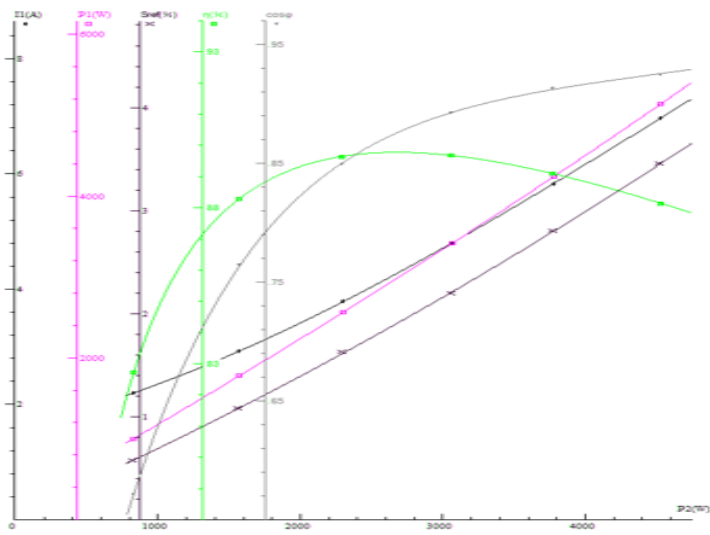
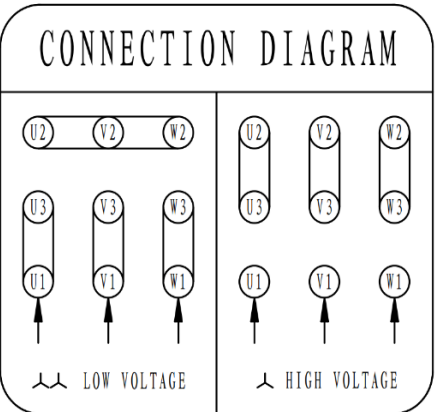
Model Number GR3-AL-TF-100LB34-2-B-D-4-230|460-60

MFG PN T100L1-2

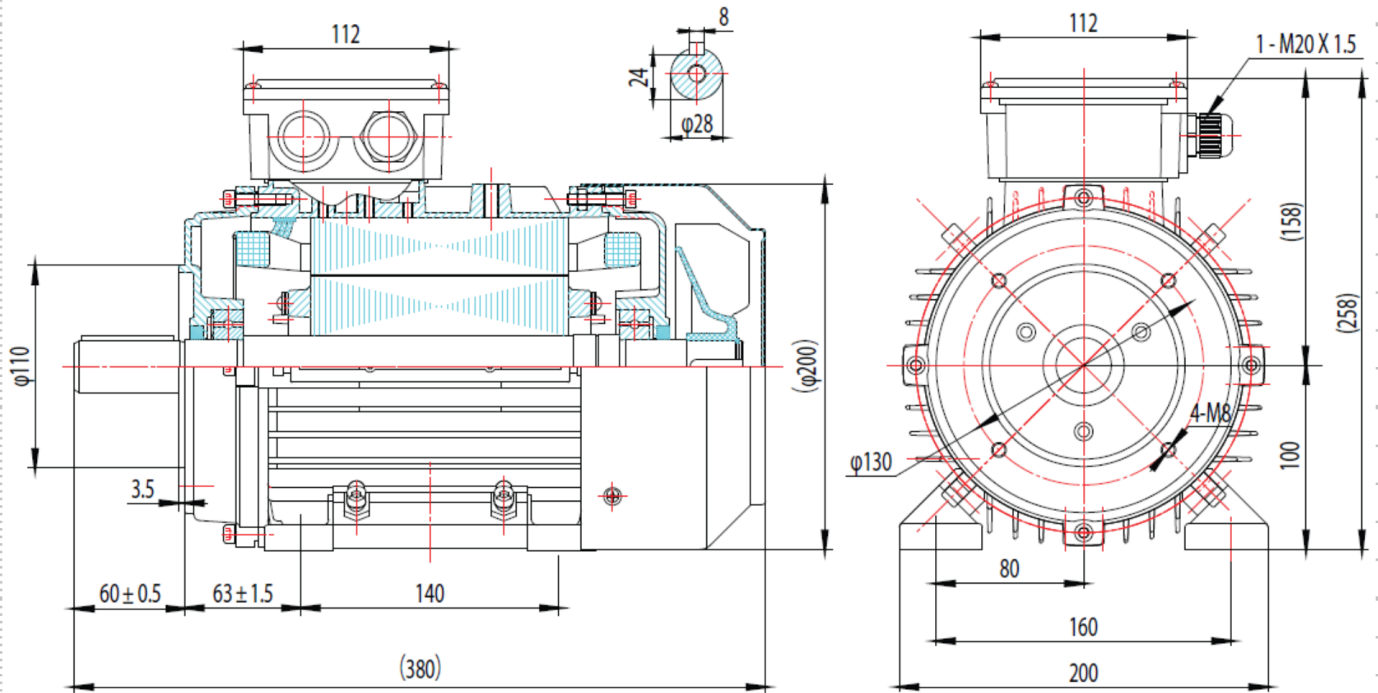
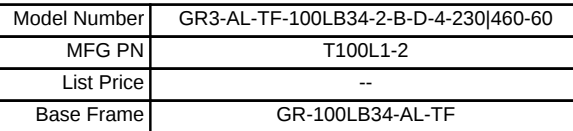
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		4 HP		Frame Size	100
Rated Motor Speed		3510 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	52.8
Rated Motor Current		9.56/4.78 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		M		Insulation Class	F
Nominal Efficiency		88.5 %		Tropicalization	YES
Nominal Power Factor		0.89 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		5.989312 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		31.1		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	491	55.8	Rated Altitude (M)	1000
Breakdown	-	474	-	Coating	7024 - Graphite Grey
Pull Up	-	246	-	Shaft Grounding	NO
125% of FL	3500	-	5.7	Brake Voltage (DC)	
75% of FL	3543	-	3.72	Brake Torque (N-M)	
50% of FL	3563	-	2.85	Mechanical Data	
No Load	3564	-	1.81	Bearing DE Side	6206ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6206ZZ
				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 					

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



MODEL NUMBER	GR-100LB34-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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