



Model Number	GR3-AL-TF-100LB3-6-B-D-1.5-230 460-60
MFG PN	T100L-6
List Price	--

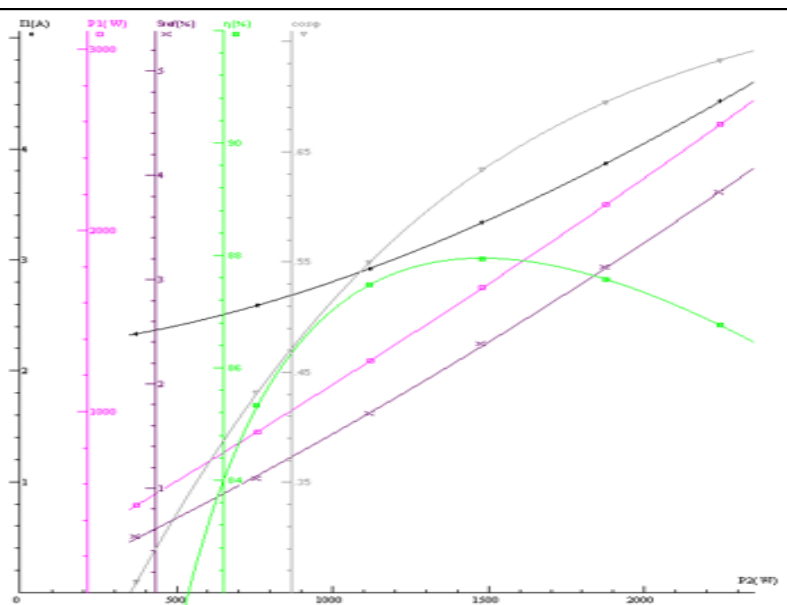
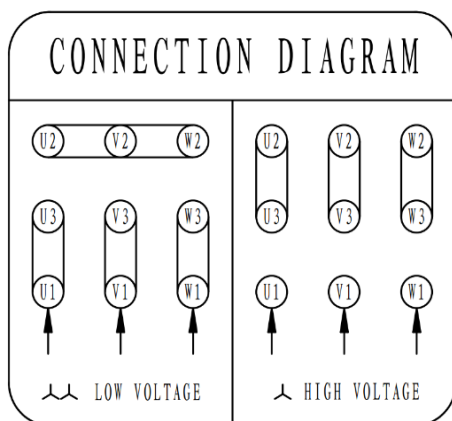
All data shown at HIGH voltage setting

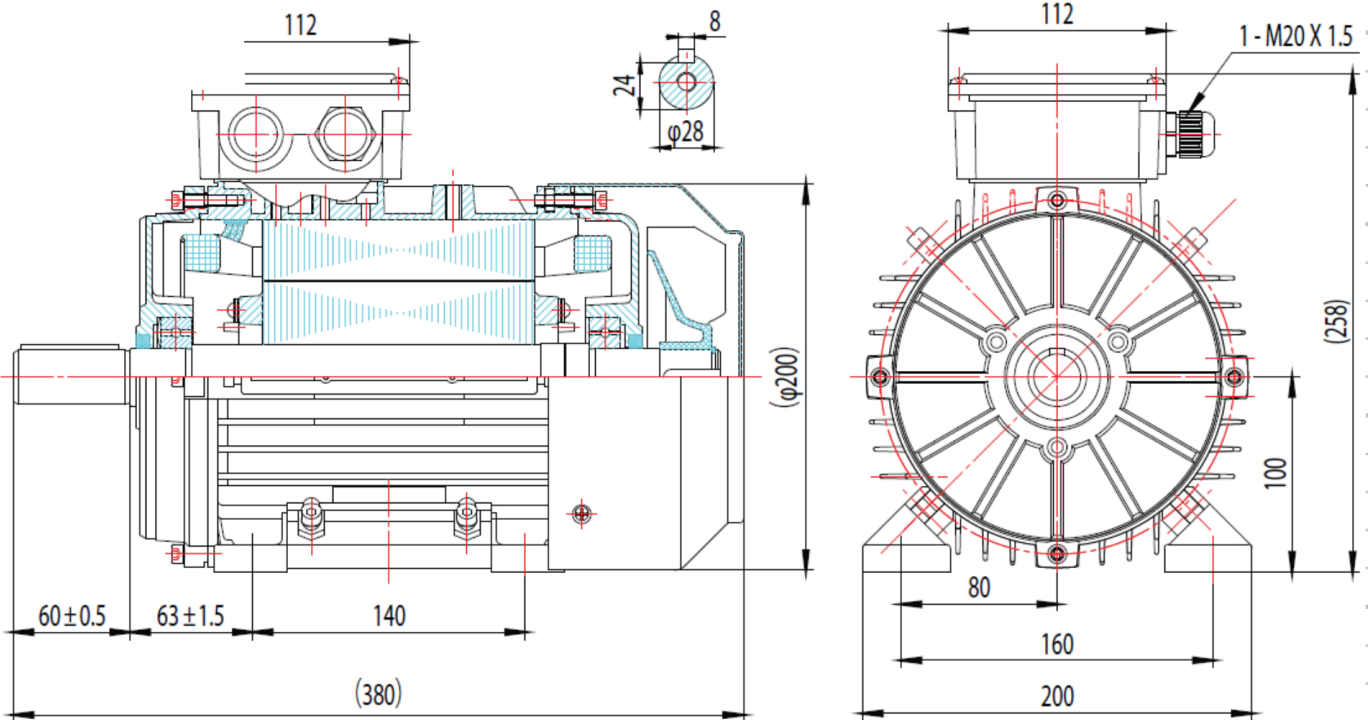
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	1.5 HP			Frame Size	100
Rated Motor Speed	1170 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	51.26
Rated Motor Current	4.93/2.46 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	L			Insulation Class	F
Nominal Efficiency	87.5 %			Tropicalization	YES
Nominal Power Factor	0.64 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	9.042976 Ft-Lb			Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	21			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	294	24	Rated Altitude (M)	1000
Breakdown	-	396	-	Coating	7024 - Graphite Grey
Pull Up	-	280	-	Shaft Grounding	NO
125% of FL	1163	-	3.86	Brake Voltage (DC)	--
75% of FL	1179	-	2.92	Brake Torque (N-M)	--
50% of FL	1187	-	2.5	Mechanical Data	
No Load	--	-	2.24	Bearing DE Side	6306ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6306ZZ
				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		





MODEL NUMBER	GR-100LB3-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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