



Model Number	GR3-AL-TF-112MB34-2-B-D-7.5-230 460-60
MFG PN	T112M2-2
List Price	--

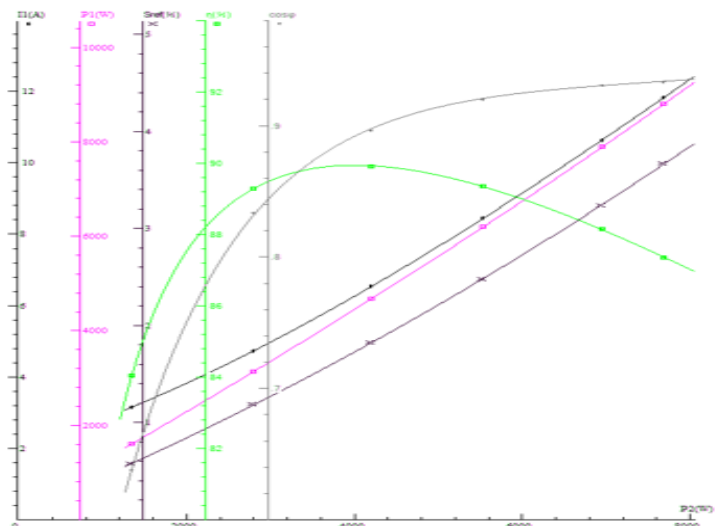
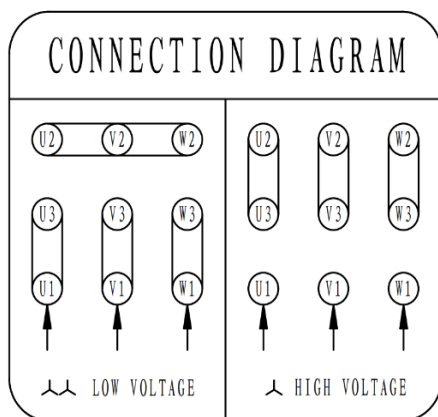
All data shown at HIGH voltage setting

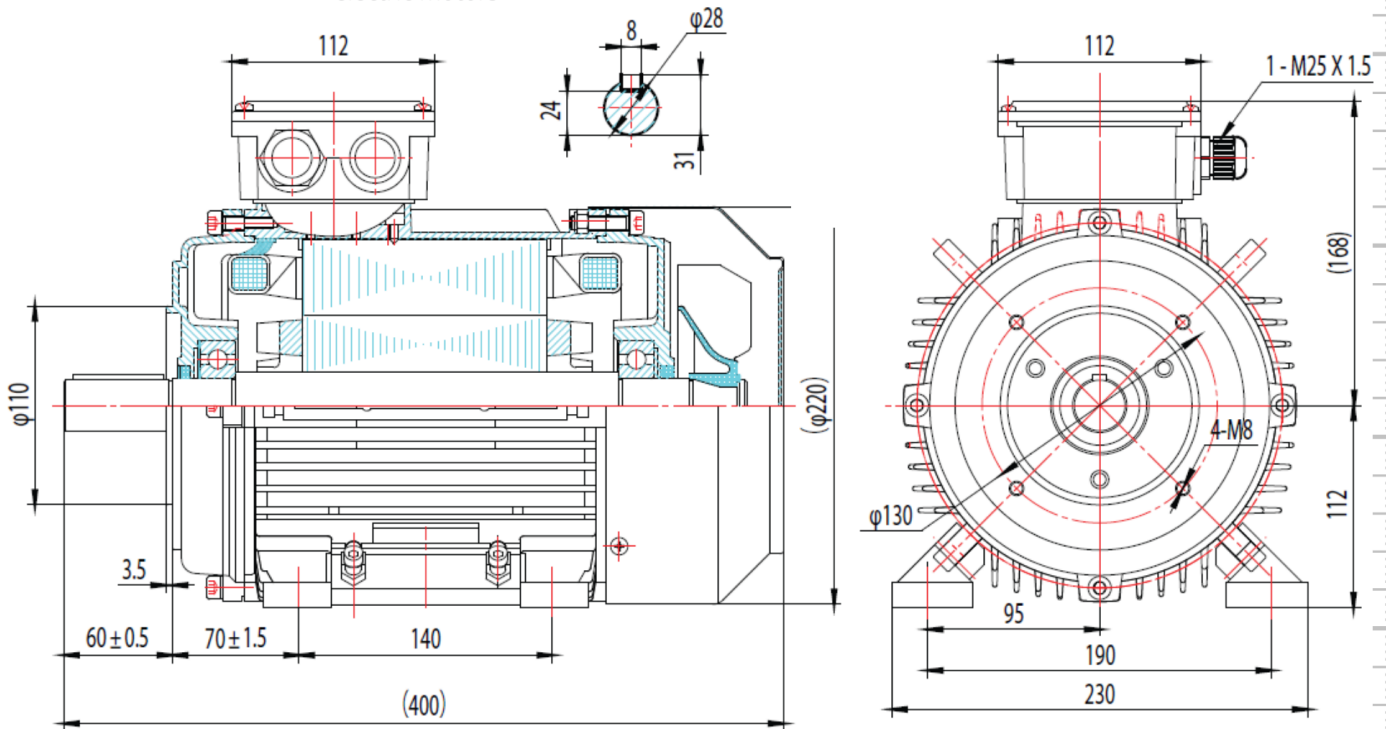
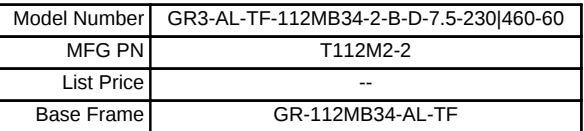
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	7.5 HP			Frame Size	112
Rated Motor Speed	3510 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	72.6
Rated Motor Current	17.1/8.55 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	L			Insulation Class	F
Nominal Efficiency	89.5 %			Tropicalization	YES
Nominal Power Factor	0.9 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	11.04 Ft-Lb			Cable Entry	M25 X 1.5
Temp Rise @ Full Load °C	57			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	301	86.78	Rated Altitude (M)	1000
Breakdown	-	355	-	Coating	7024 - Graphite Grey
Pull Up	-	179	-	Shaft Grounding	NO
125% of FL	3495	-	9.65	Brake Voltage (DC)	--
75% of FL	3544	-	6.4	Brake Torque (N-M)	--
50% of FL	3564	-	4.7	Mechanical Data	
No Load	3586	-	2.42	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-112MB34-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