



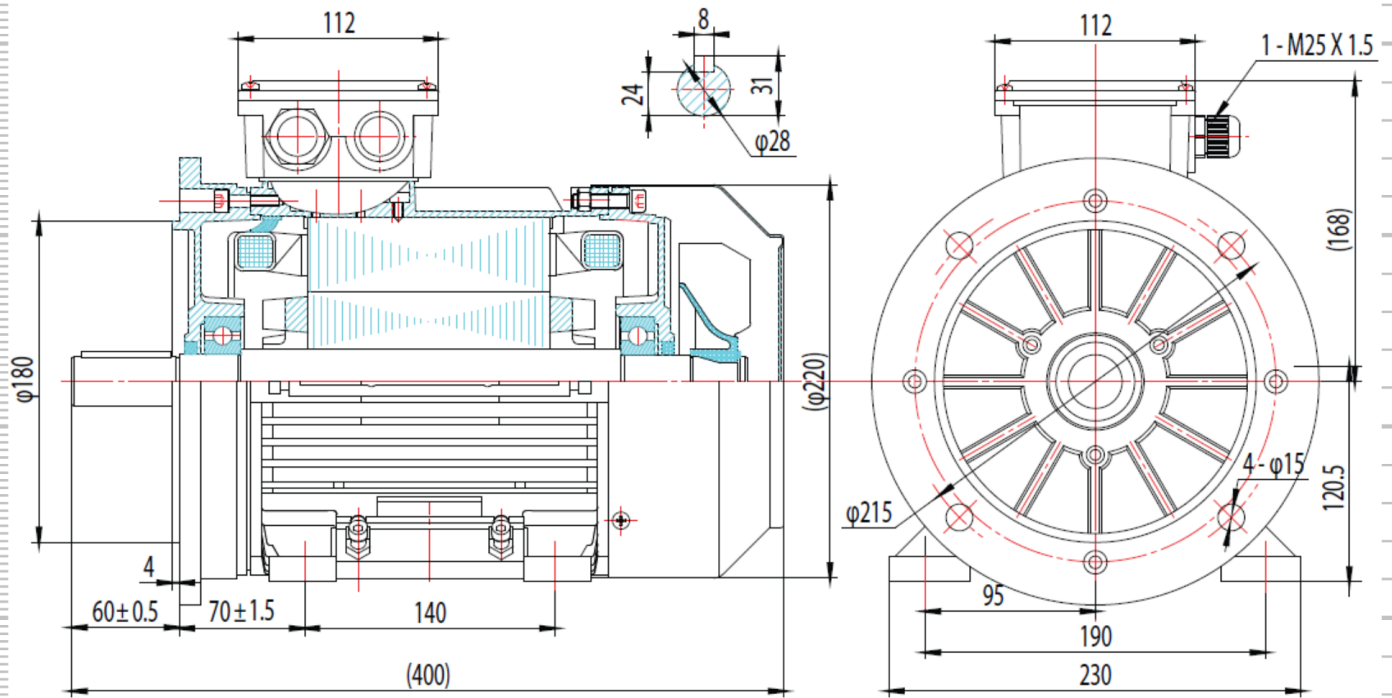
Model Number	GR3-AL-TF-112MB35-4-B-D-5.5-230 460-60
MFG PN	T112M-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		5.5 HP		Frame Size	112
Rated Motor Speed		1750 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	--
Rated Motor Current		13.2 6.60 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		89.5 %		Tropicalization	YES
Nominal Power Factor		0.85 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		16.27 Ft-Lb		Cable Entry	M25 X 1.5
Temp Rise @ Full Load °C		44.5		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	277	58.36	Rated Altitude (M)	1000
Breakdown	-	342	-	Coating	7024 - Graphite Grey
Pull Up	-	397	-	Shaft Grounding	NO
125% of FL	1736	-	8.1	Brake Voltage (DC)	--
75% of FL	1765	-	5.2	Brake Torque (N-M)	--
50% of FL	1777	-	4	Mechanical Data	
No Load	--	-	2.8	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				
CONNECTION DIAGRAM U2 V2 W2 U3 V3 W3 U1 V1 W1 LOW VOLTAGE U2 V2 W2 U3 V3 W3 U1 V1 W1 HIGH VOLTAGE					

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MODEL NUMBER	GR-112MB35-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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