



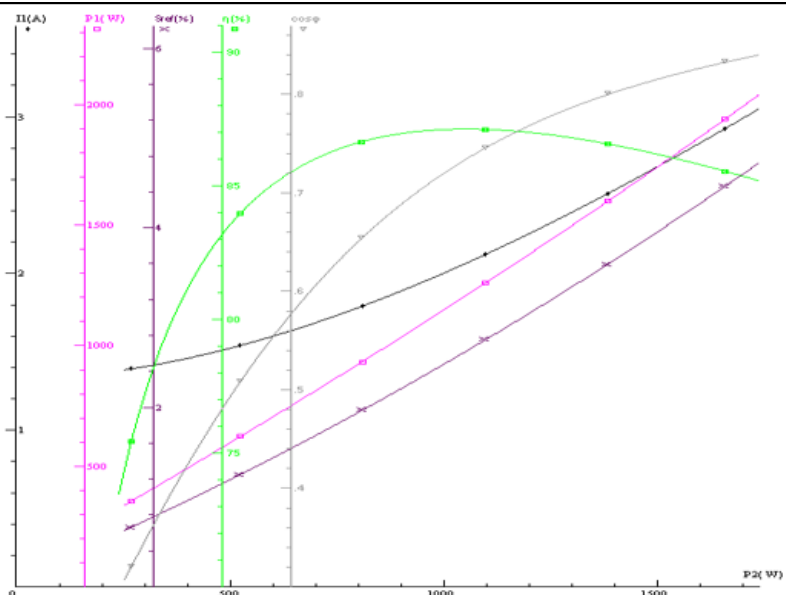
Model Number GR3-AL-TF-80B3-4-B-D-1.5-230|460-60

MFG PN T 803-4

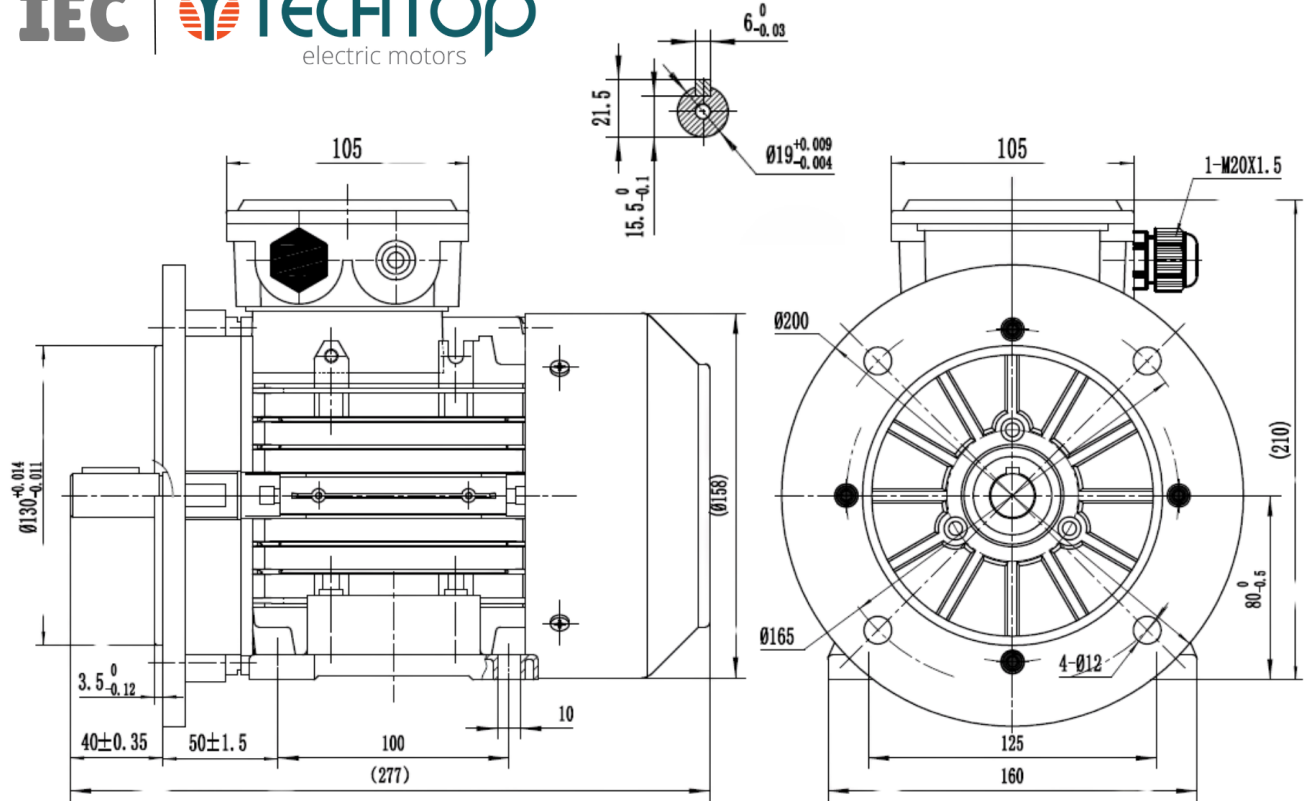
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	80
Rated Motor Speed		1730 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	27.72
Rated Motor Current		4.56/2.28 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		86.5 %		Tropicalization	YES
Nominal Power Factor		0.7 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		4.602624 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		36.8		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	349	16.57	Rated Altitude (M)	1000
Breakdown	-	395	-	Coating	7024 - Graphite Grey
Pull Up	-	339	-	Shaft Grounding	NO
125% of FL	1734	-	2.54	Brake Voltage (DC)	--
75% of FL	1763	-	1.82	Brake Torque (N-M)	--
50% of FL	1776	-	1.57	Mechanical Data	
No Load	--	-	1.35	Bearing DE Side	6204ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6204ZZ
				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-80B35-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM		WWW.TECHTOPIND.COM

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