



Model Number GR3-AL-TF-80B3-4-B-D-1-230|460-60

MFG PN T 802-4

List Price --

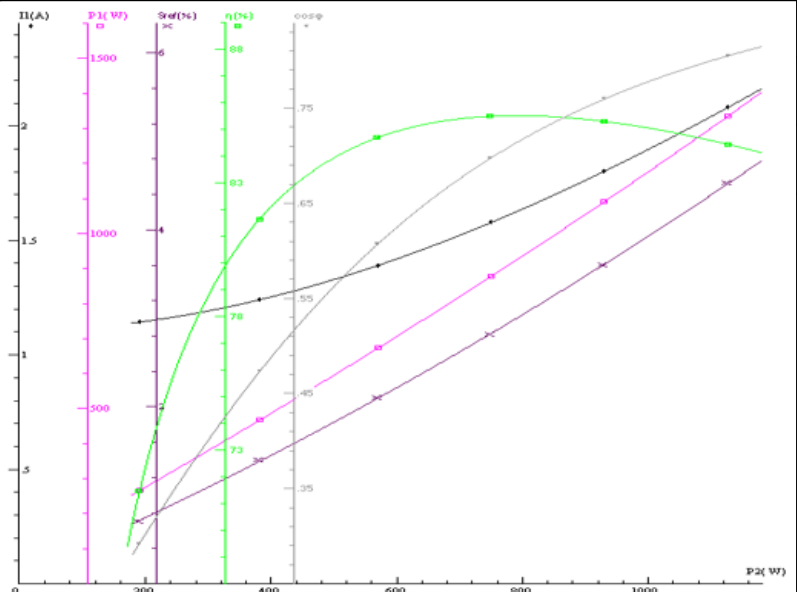
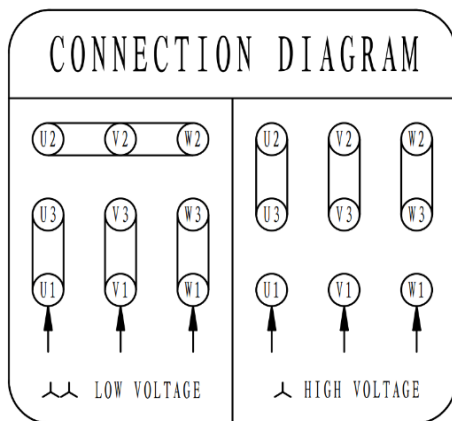
All data shown at HIGH voltage setting

Format STD 3 Phase

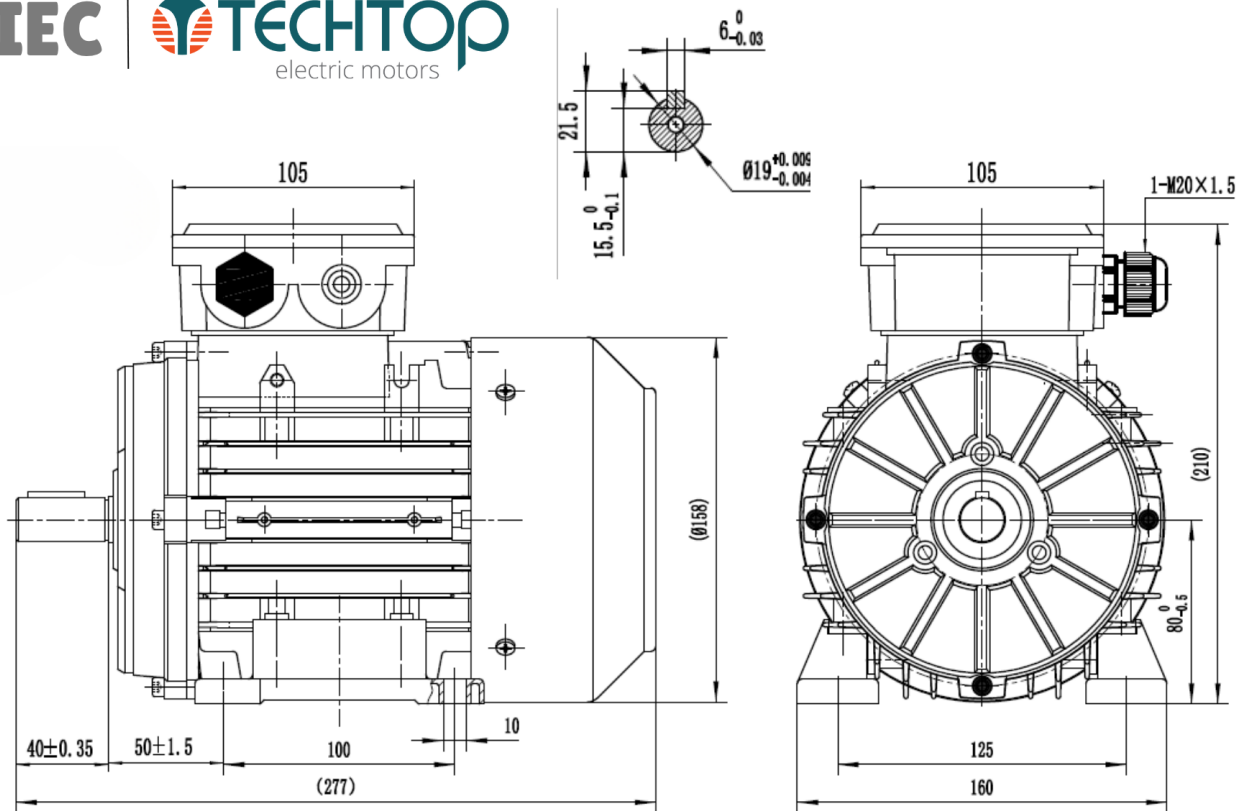
Electrical Data				General Data	
Rated Motor Output Power	1 HP			Frame Size	80
Rated Motor Speed	1745 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	24.64
Rated Motor Current	3.18/1.59 Amps			NEMA Design	B
Service Factor	1.15			IP Rating	55
KVA Code	L			Insulation Class	F
Nominal Efficiency	85.5 %			Tropicalization	YES
Nominal Power Factor	0.69 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	3.02416 Ft-Lb			Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	36			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	378	12	Rated Altitude (M)	1000
Breakdown	-	449	-	Coating	7024 - Graphite Grey
Pull Up	-	363	-	Shaft Grounding	NO
125% of FL	1734	-	1.81	Brake Voltage (DC)	--
75% of FL	1763	-	1.38	Brake Torque (N-M)	--
50% of FL	1775	-	1.23	Mechanical Data	
No Load	--	-	1.11	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		



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MODEL NUMBER	GR-80B3-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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