



Model Number	XR3-AL-TF-80B3-4-B-D-1.5-190 380-50
MFG PN	T 803-4
List Price	--

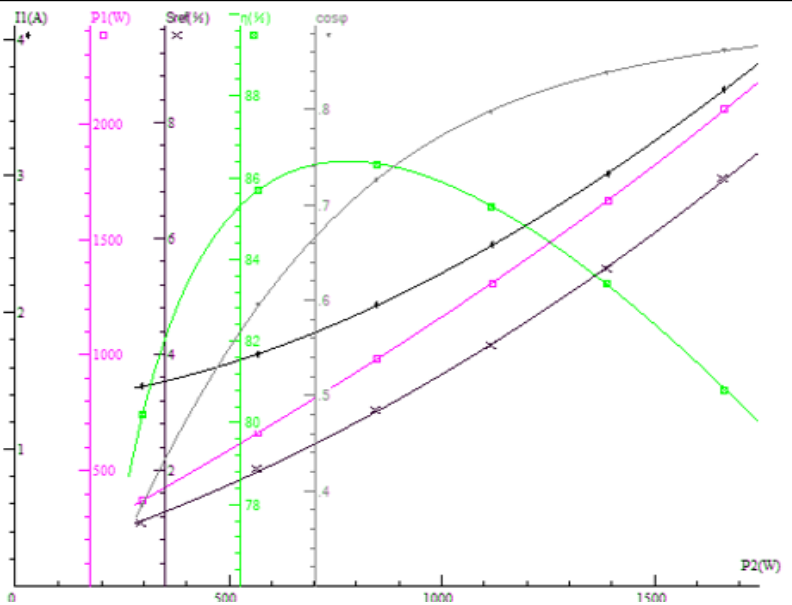
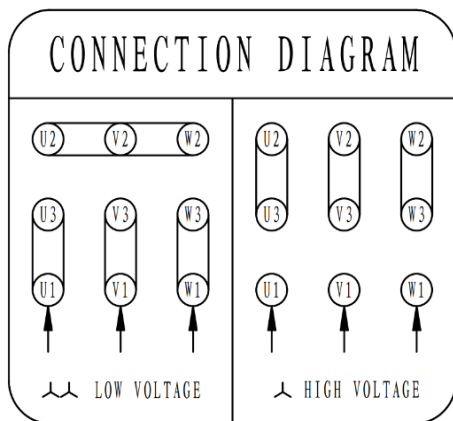
All data shown at HIGH voltage setting

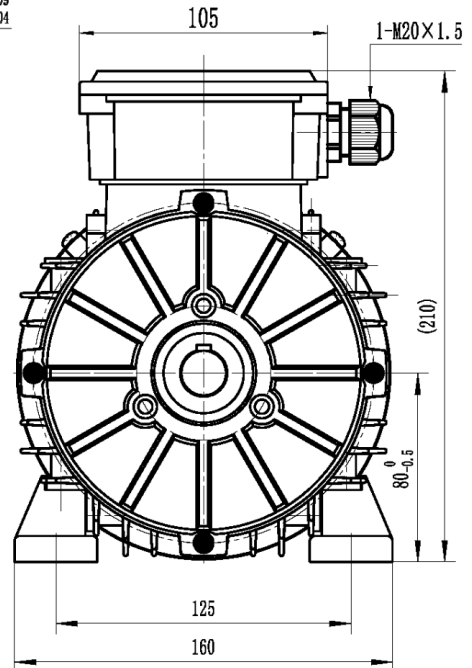
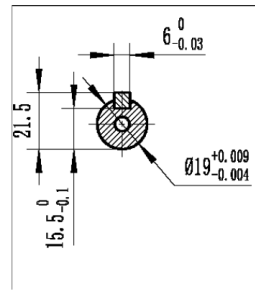
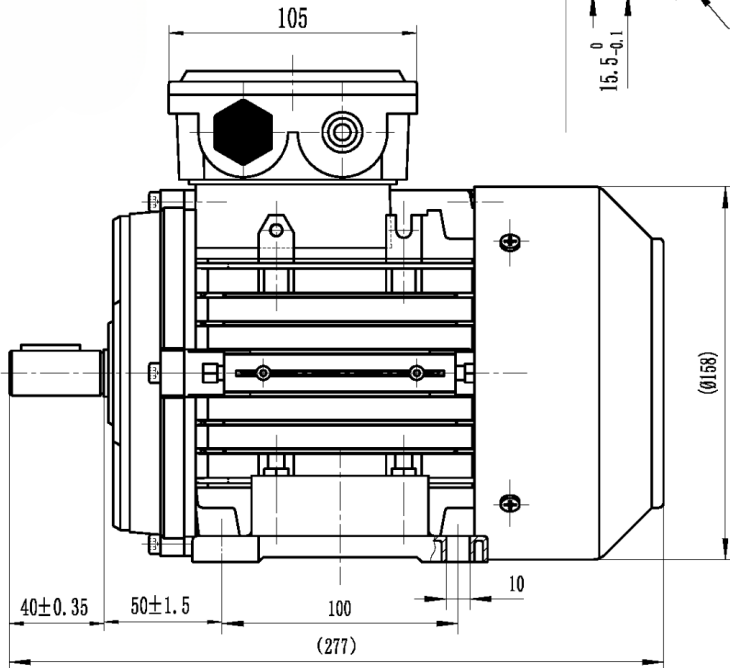
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	1.5 HP			Frame Size	80
Rated Motor Speed	1440 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ			Approximate Weight	29.72
Rated Motor Current	4.96/2.48 Amps			NEMA Design	BE
Service Factor	1.15			IP Rating	55
KVA Code	J			Insulation Class	H
Nominal Efficiency	84.2 %			Tropicalization	YES
Nominal Power Factor	0.8 cos θ			Duty	Cont.
Full Load Torque Ft-Lb	0 Ft-Lb			Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	--			Feet Removable	YES
Efficiency Level	IE4 - Super Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	293	17	Rated Altitude (M)	1000
Breakdown	-	327	-	Coating	7024 - Graphite Grey
Pull Up	-	290	-	Shaft Grounding	YES
125% of FL	1499	-	3.58	Brake Voltage (DC)	--
75% of FL	1499.6	-	2	Brake Torque (N-M)	--
50% of FL	1499.7	-	1.66	Mechanical Data	
No Load	--	-	1.36	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 (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead IEC Dual Voltage		





MODEL NUMBER	XR-80B3-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

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