



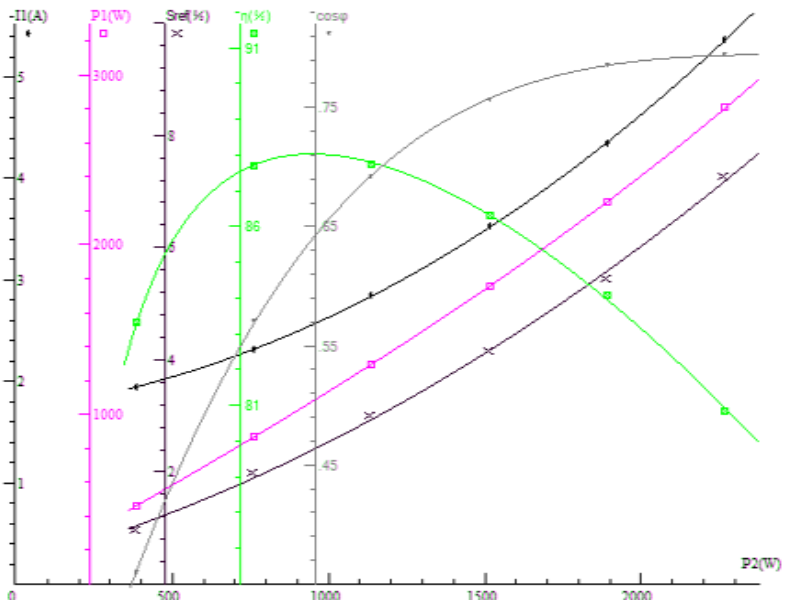
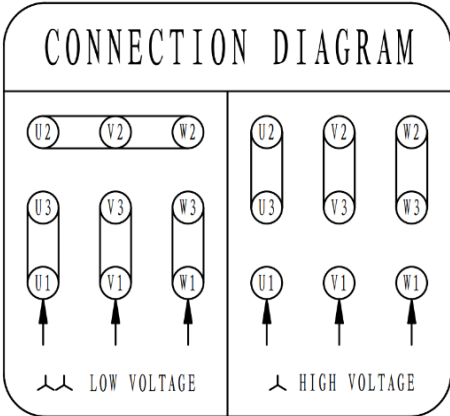
Model Number XR3-AL-TF-100LB3-6-B-D-1.5-190|380-50

MFG PN T 100L-6

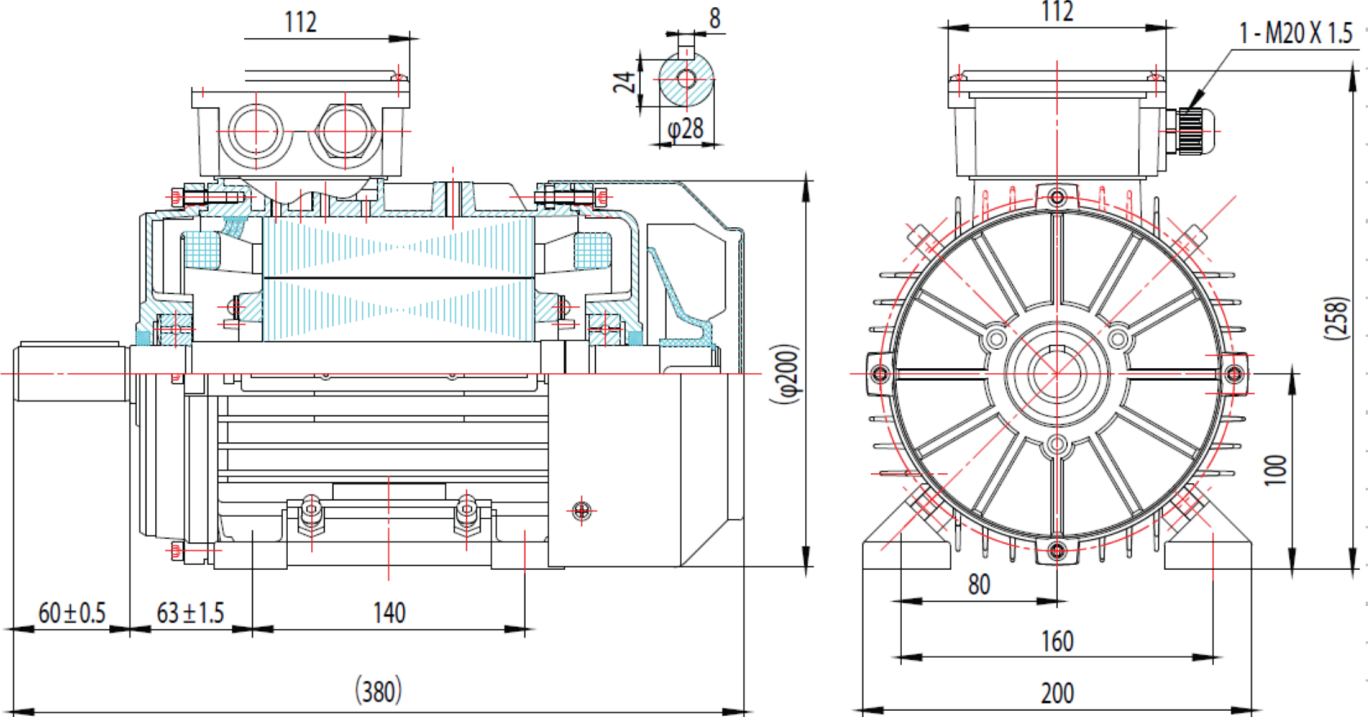
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	100
Rated Motor Speed		955 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	53.26
Rated Motor Current		5.25/2.63 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		H		Insulation Class	H
Nominal Efficiency		86 %		Tropicalization	YES
Nominal Power Factor		0.74 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		10.99024 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		27		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	224	19	Rated Altitude (M)	1000
Breakdown	-	257	-	Coating	7024 - Graphite Grey
Pull Up	-	198	-	Shaft Grounding	YES
125% of FL	999.3	-	5.31	Brake Voltage (DC)	--
75% of FL	999.7	-	2.82	Brake Torque (N-M)	--
50% of FL	999.8	-	2.3	Mechanical Data	
No Load	--	-	1.83	Bearing DE Side	6206ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6206ZZ
				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 					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



MODEL NUMBER	XR-100LB3-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

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540