



Model Number XR3-AL-TF-100LB34-8-B-D-1.5-190|380-50

MFG PN T 100L2-8

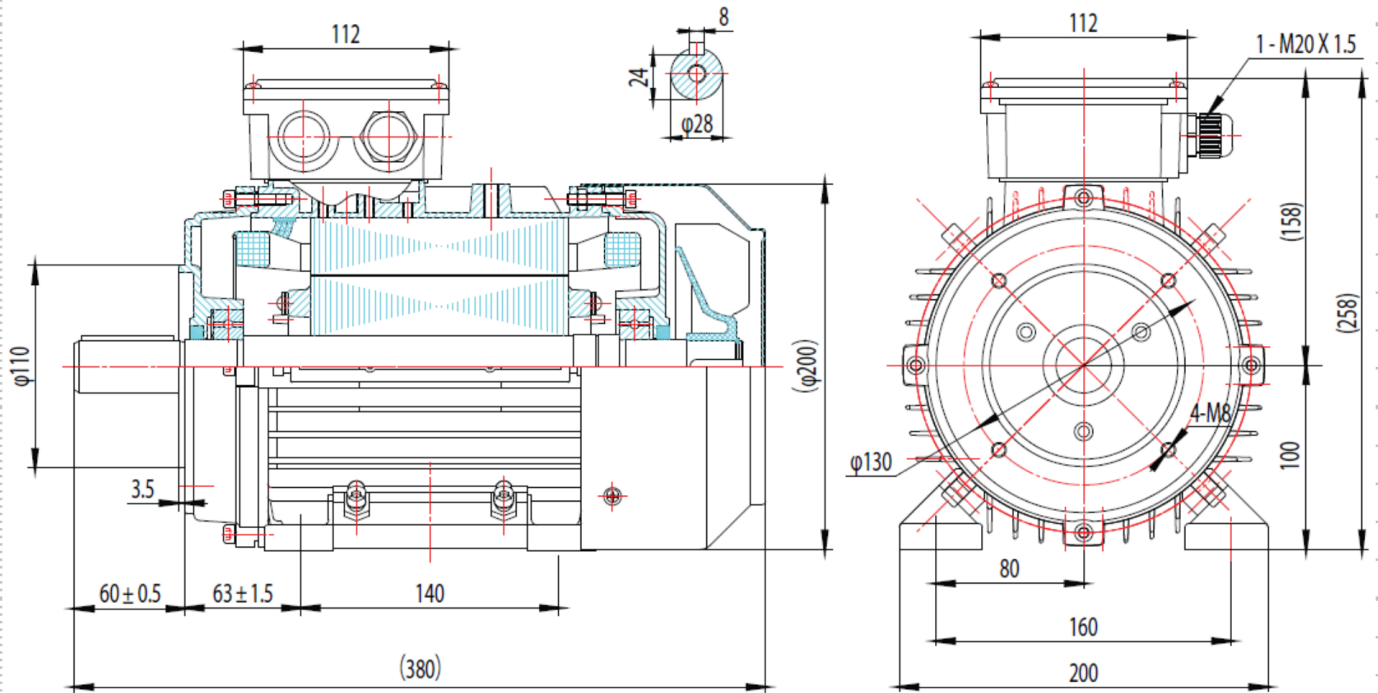
List Price --

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		695 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	52.6
Rated Motor Current		6.15/3.07 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		F		Insulation Class	H
Nominal Efficiency		77.7 %		Tropicalization	YES
Nominal Power Factor		0.7 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		10.99024 Ft-Lb		Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C		43		Feet Removable	YES
Efficiency Level		IE4 - Super Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	174	11	Rated Altitude (M)	1000
Breakdown	-	209	-	Coating	7024 - Graphite Grey
Pull Up	-	177	-	Shaft Grounding	YES
125% of FL	749.8	-	5.1	Brake Voltage (DC)	--
75% of FL	749.7	-	2.55	Brake Torque (N-M)	--
50% of FL	749.8	-	2.26	Mechanical Data	
No Load	0	-	2	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-100LB34-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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