



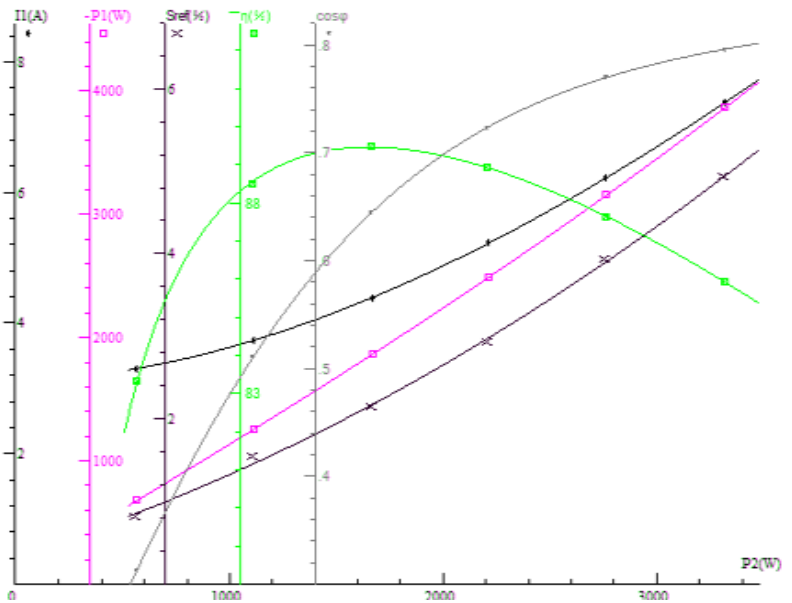
Model Number XR3-AL-TF-112MB35-6-B-D-3-190|380-50

MFG PN T112M-6

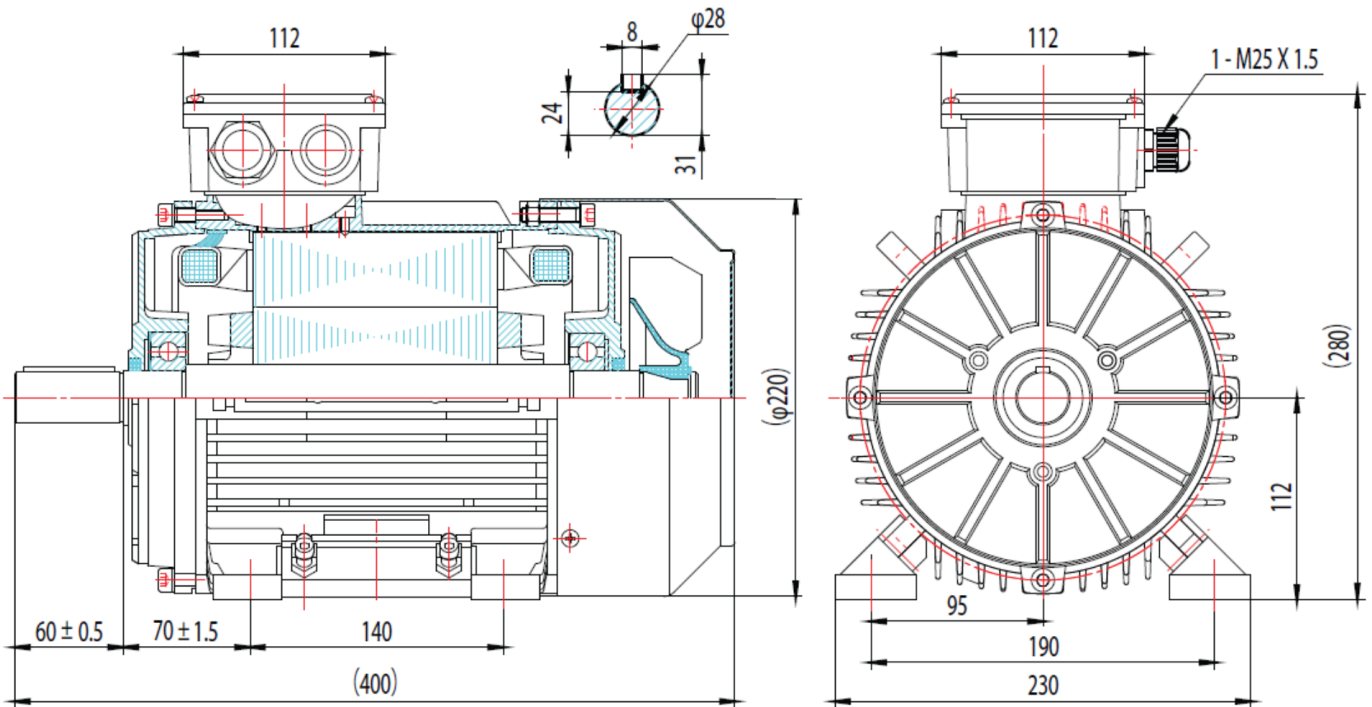
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		3 HP		Frame Size	112
Rated Motor Speed		970 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	66.46
Rated Motor Current		10.6/5.32 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		H		Insulation Class	H
Nominal Efficiency		88.5 %		Tropicalization	YES
Nominal Power Factor		0.71 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		11.77169121 Ft-Lb		Cable Entry	M25 X 1.5
Temp Rise @ Full Load °C		28		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	221	6.18	Rated Altitude (M)	1000
Breakdown	-	306	-	Coating	7024 - Graphite Grey
Pull Up	-	192	-	Shaft Grounding	YES
125% of FL	999.5	-	7.33	Brake Voltage (DC)	--
75% of FL	999.8	-	4.36	Brake Torque (N-M)	--
50% of FL	999.9	-	3.72	Mechanical Data	
No Load	--	-	3.18	Bearing DE Side	6306ZZ
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 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	XR-112MB3-AL	ISSUE DATE:	04/2025
DIMENSIONS	in		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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