



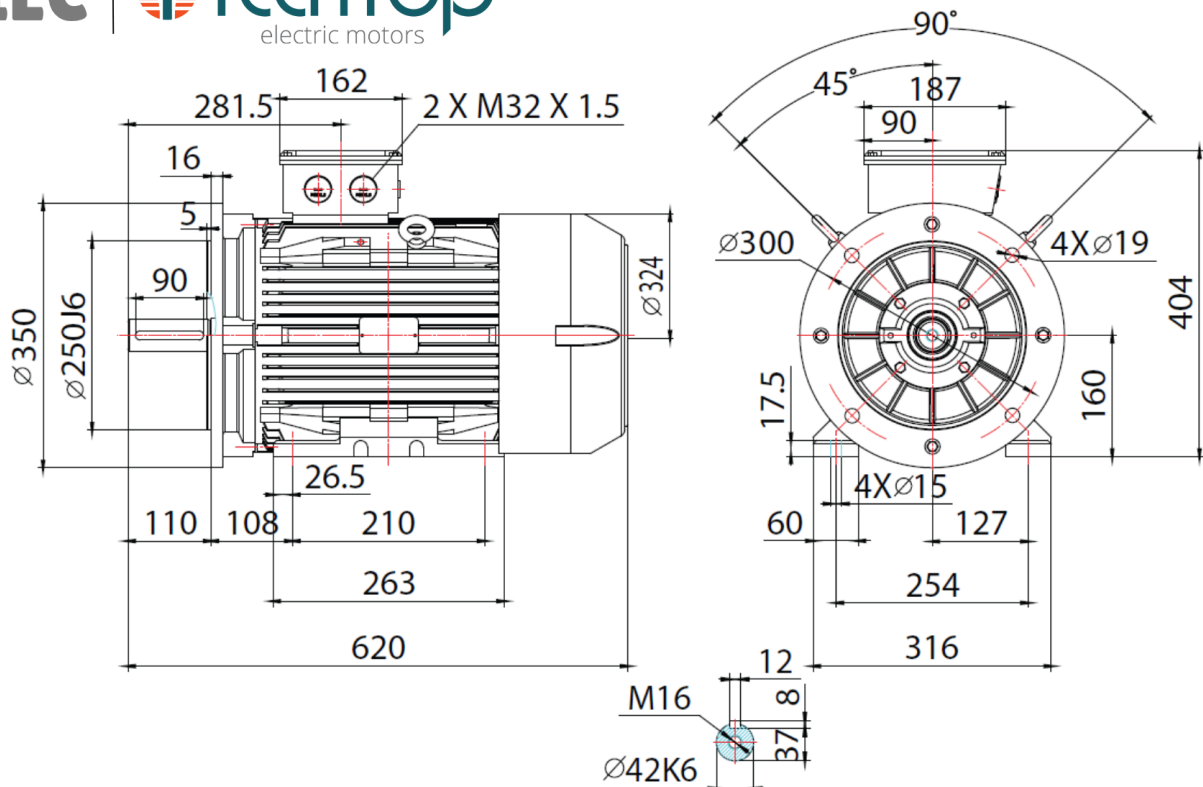
Model Number	XR3-CI-TF-160MB35-2-BR-D-20-190 380-50
MFG PN	T 160M2-2
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		20 HP		Frame Size	160
Rated Motor Speed		2940 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	286.6
Rated Motor Current		53.5/26.76 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		K		Insulation Class	H
Nominal Efficiency		91.9 %		Tropicalization	YES
Nominal Power Factor		0.922 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		52.7384 Ft-Lb		Cable Entry	M32 X 1.5
Temp Rise @ Full Load °C		63.4		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	206	328	Rated Altitude (M)	1000
Breakdown	-	284	-	Coating	7024 - Graphite Grey
Pull Up	-	140	-	Shaft Grounding	YES
125% of FL	2930	-	30.94	Brake Voltage (DC)	--
75% of FL	2957	-	20.14	Brake Torque (N-M)	--
50% of FL	2972	-	14.12	Mechanical Data	
No Load	2994	-	6	Bearing DE Side	6309 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6309 C3
				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 12 Lead IEC Dual Voltage				

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MODEL NUMBER	XR-160MB35-CI-TF	ISSUE DATE:	05/2025
DIMENSIONS	in		
CASTING MATERIAL	CAST IRON	WWW.TECHTOPIND.COM	

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