



Model Number	XR3-AL-TF-90SB3-6-B-D-1-190 380-50
MFG PN	T 90S-6
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

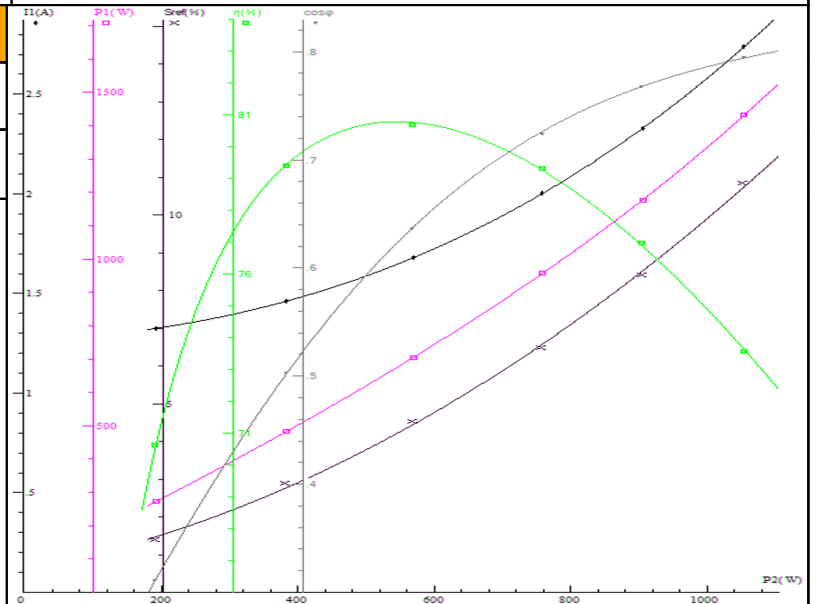
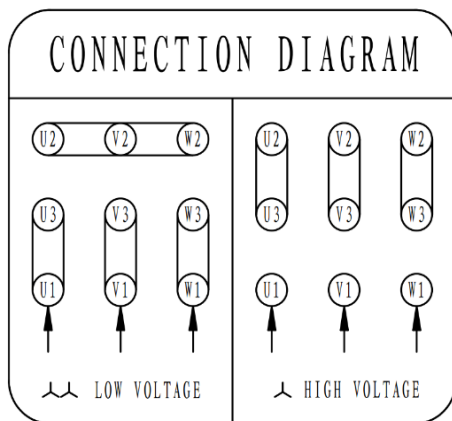
Electrical Data		General Data	
Rated Motor Output Power	1 HP	Frame Size	90
Rated Motor Speed	945 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	35
Rated Motor Current	3.78/1.89 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	G	Insulation Class	H
Nominal Efficiency	81.5 %	Tropicalization	YES
Nominal Power Factor	0.74 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	5.532 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	22	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	219	4.93	Rated Altitude (M)	1000
Breakdown	-	257	-	Coating	7024 - Graphite Grey
Pull Up	-	201	-	Shaft Grounding	YES
125% of FL	999.1	-	2.74	Brake Voltage (DC)	--
75% of FL	999.6	-	1.53	Brake Torque (N-M)	--
50% of FL	999.8	-	1.3	Mechanical Data	
No Load	--	-	1.1	Bearing DE Side	6205ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6205ZZ
			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		





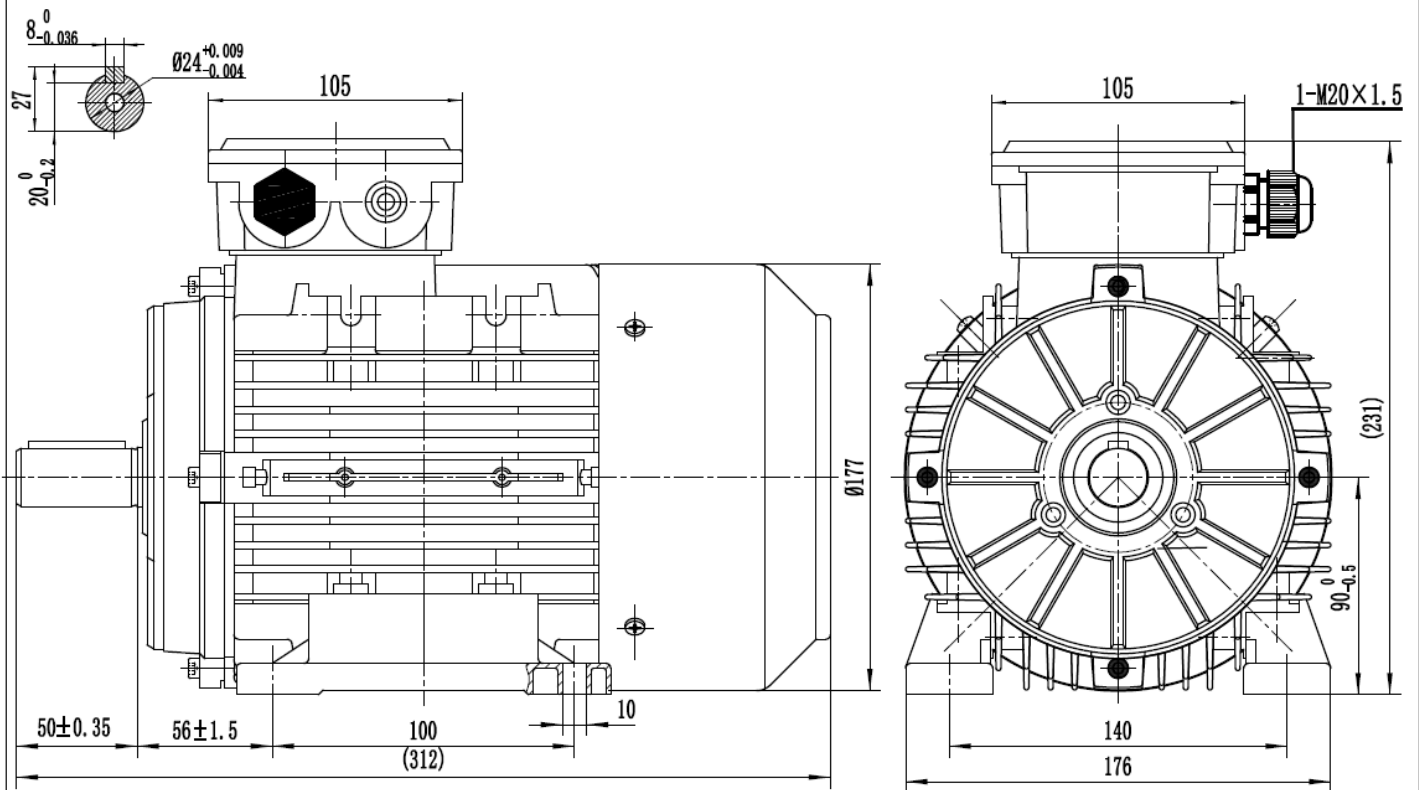
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Base Frame XR-90SB3-AL-TF

FRAME: HP: RPM: PHASE: VOLT: ENCL: FREQ: FLA: LRA:



MODEL: TA90S B3
REV.DISC:

SCALE:

DATE:

UNITS:

VERSION:

REVISED:

BY:

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