



Model Number XR3-AL-TF-90SB35-4-B-D-1.5-190|380-50

MFG PN T 90S-4

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

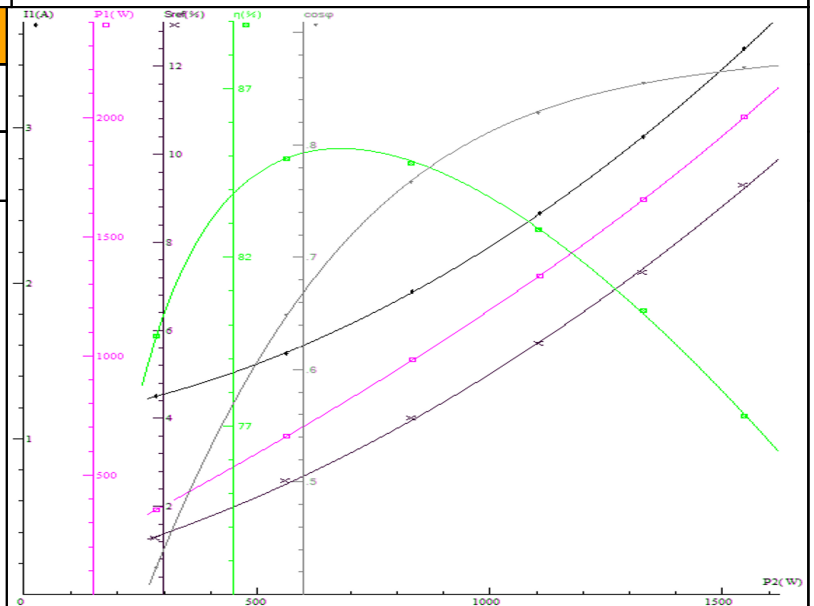
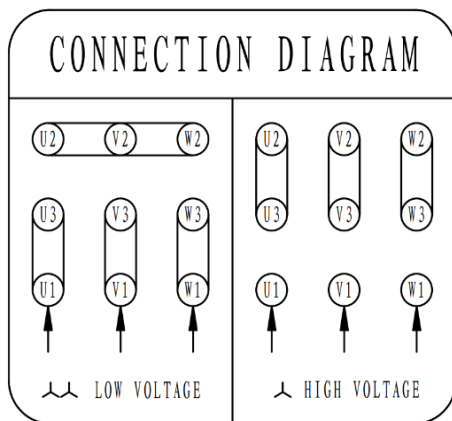
Rated Motor Output Power	1.5 HP	Frame Size	90
Rated Motor Speed	1440 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	35
Rated Motor Current	4.96/2.48 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	84.2 %	Tropicalization	YES
Nominal Power Factor	0.8 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	5.38448 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	20	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	293	6.84	Rated Altitude (M)	1000
Breakdown	-	327	-	Coating	7024 - Graphite Grey
Pull Up	-	290	-	Shaft Grounding	YES
125% of FL	1499	-	3.58	Brake Voltage (DC)	--
75% of FL	1499.6	-	2	Brake Torque (N-M)	--
50% of FL	1499.7	-	1.66	Mechanical Data	
No Load	--	-	1.36		

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