



Model Number XR3-AL-TF-90SB34-2-B-D-2-190|380-50

MFG PN T 90S-2

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	2 HP	Frame Size	90
Rated Motor Speed	2880 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	33.46
Rated Motor Current	5.99/2.99 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	85.5 %	Tropicalization	YES
Nominal Power Factor	0.89 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	3.61424 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	39	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	234	21	Rated Altitude (M)	1000
Breakdown	-	289	-	Coating	7024 - Graphite Grey
Pull Up	-	187	-	Shaft Grounding	YES
125% of FL	2998	-	4.62	Brake Voltage (DC)	--
75% of FL	2999.2	-	2.25	Brake Torque (N-M)	--
50% of FL	2999.5	-	1.68	Mechanical Data	
No Load	--	-	1.05		

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 (%), $\cos\phi$ = Power Factor

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 9 Lead IEC Dual Voltage
----------------	-----------------------------



