



Model Number XR3-AL-TF-56C-2-B-D-1-190|380-50

MFG PN T 561U2B

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	56
Rated Motor Speed	2840 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	20.04
Rated Motor Current	3.17/1.59 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	80.7 %	Tropicalization	YES
Nominal Power Factor	0.89 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	1.844 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	45	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

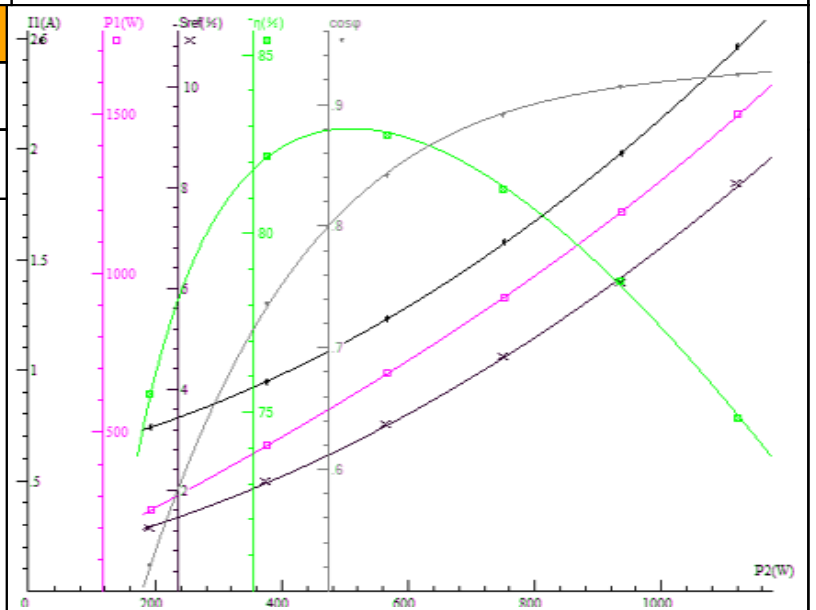
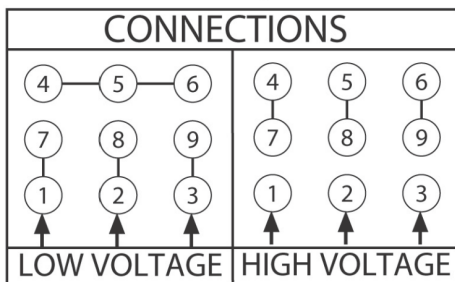
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	204	10	40	
Breakdown	-	259	-	Rated Altitude (M)	
Pull Up	-	175	-	1000	
125% of FL	2997.6	-	2.47	Coating	
75% of FL	2999	-	1.22	7024 - Graphite Grey	
50% of FL	2999.4	-	0.94	Shaft Grounding	
No Load	2979.8	-	0.66	YES	

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Mechanical Data	
				Bearing DE Side	6204ZZ
				Bearing NDE Side	6204ZZ
				Moment of Inertia	-- kg.m2

CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom



FRAME: 56C

HP:

RPM:

PHASE: 3

VOLT: 230/460V

ENCL: TEFC

FREQ: 60 Hz

FLA:

LRA:

