



**Model Number** WX3-AL-TF-56C-2-B-D-.5-230|460-60

**MFG PN** T561-2U2B

**List Price** --

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	0.5 HP	Frame Size	56
Rated Motor Speed	3470 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	-- Amps	NEMA Design	B
Service Factor	1.15	IP Rating	56
KVA Code	K	Insulation Class	F
Nominal Efficiency	66.5 %	Tropicalization	YES
Nominal Power Factor	0.73 cosθ	Duty	cont
Full Load Torque Ft-Lb	-- Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	17.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	315	5.83	Bearing DE Side	6204ZZ
Breakdown	-	380	-	Bearing NDE Side	6204ZZ
Pull Up	-	304	-	Moment of Inertia	-- kg.m2
125% of FL	3460	-	0.94	Noise Level	Per NEMA dB (A)
75% of FL	3521	-	0.73		
50% of FL	3547	-	0.67		
No Load	--	-	0.63		

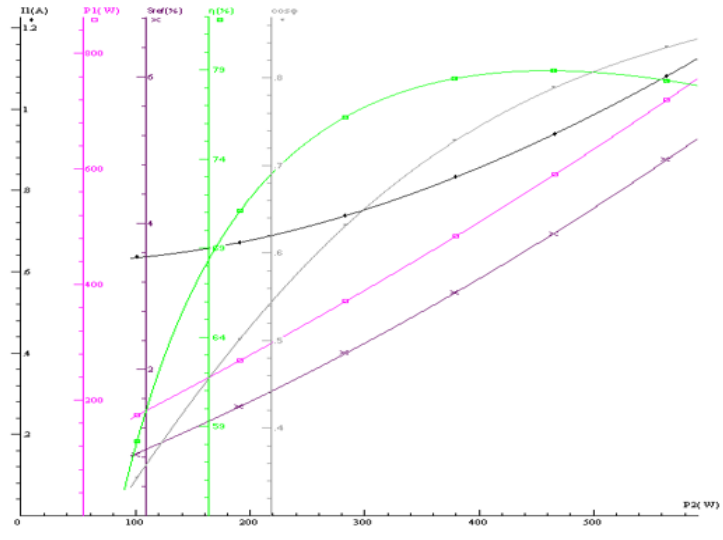
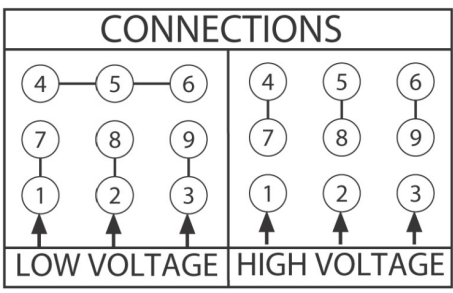
Hazardous Location	Class 1, Div2, Grp A,B,C,D		Rated Ambient (°C)	40
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CT VFD Range	--	<b>Loaded Torque Curves</b>		--
<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b>				

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



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Base Frame	WX-56C-AL-TF

