



**Model Number** WX3-AL-TF-56C-4-B-D-1.5-230|460-60

**MFG PN** T56 1.5U4B

**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	56																						
Rated Motor Speed	1725 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	H			Insulation Class	F																						
Nominal Efficiency	82 %			Tropicalization	YES																						
Nominal Power Factor	0.75 cosθ			Duty	cont																						
Full Load Torque Ft-Lb	-- Ft-Lb			Cable Entry	1.25																						
Temp Rise @ Full Load °C	26			Feet Removable	YES																						
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO																						
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																						
Locked Rotor	-	349	16.57	Rated Altitude (M)	1000																						
Breakdown	-	395	-	Coating	7024 - Graphite Grey																						
Pull Up	-	339	-	Shaft Grounding	NO																						
125% of FL	1734	-	2.54	Brake Voltage (DC)	--																						
75% of FL	1763	-	1.82	Brake Torque (N-M)	--																						
50% of FL	1776	-	1.57	Mechanical Data																							
No Load	--	-	1.35	Bearing DE Side	6204ZZ																						
Hazardous Location	Class 1, Div2, Grp A,B,C,D			Bearing NDE Side	6204ZZ																						
				Moment of Inertia	-- kg.m2																						
				Noise Level	Per NEMA dB (A)																						
CT VFD Range		--		Loaded Torque Curves																							
<p><b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b></p>																											
Certifications	UL	CSA	DOE																								
File Numbers	323353	224693	096A																								
Wiring Diagram	3PH 9 Lead Dual Voltage																										
<p><b>3 Phase - YY/Y - 9 Lead</b>            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</p>																											
<p><b>CONNECTIONS</b></p> <table border="1"> <tr> <td>4</td><td>5</td><td>6</td> <td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td> <td>7</td><td>8</td><td>9</td> </tr> <tr> <td>1</td><td>2</td><td>3</td> <td>1</td><td>2</td><td>3</td> </tr> <tr> <td colspan="3">LOW VOLTAGE</td> <td colspan="3">HIGH VOLTAGE</td> </tr> </table>				4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	LOW VOLTAGE			HIGH VOLTAGE		
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