

<b>MOTOR MODEL:</b>	WX3-AL-TF-56C-2-B-D-.5
<b>FACTORY TYPE:</b>	TXA

## Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	0.5	0.5
Speed, RPM	3490	2870
Voltage	208-230/460	190/380
# Phase	3	
Full Load Amps	1.71-1.74/0.87	1.94/0.97
Power Factor	0.72	-
Nominal Efficiency	74.0	73.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	H
FL Amps. @ 208 V	1.71	-
Locked Rotor Current	5.8349	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	26.2	-
<b>3D Image Link</b>		
<a href="#">WX3-AL-TF-56C-2-B-D-.5</a>		

GENERAL DATA			
Frame Size	56C		
Frame Enclosure	TEFC		
Mounting	Rigid/C-Flange		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	B		
Frame Material	Cast Aluminum		
Ingress Protection	56		
Tropicalization	true		
Cable Entry	1-NPT 1/2"		
Feet Removable	true		
Double Drilled	-		
Paint Color	-		
Paint RAL	-		
Weight lb	15.5		
MECHANICAL DATA			
DE Bearing	6204ZZ		
NDE Bearing	6204ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavey washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	2.36979	315.0	
Pull-Up Torque	2.28703	304.0	
Breakdown Torque	2.85879	380.0	
Full Load Torque	0.752313	100.0	
SITE CONDITIONS			
Ambient Temp °C	40		
Altitude Above Sea Level m	1000		



NEMA Premium

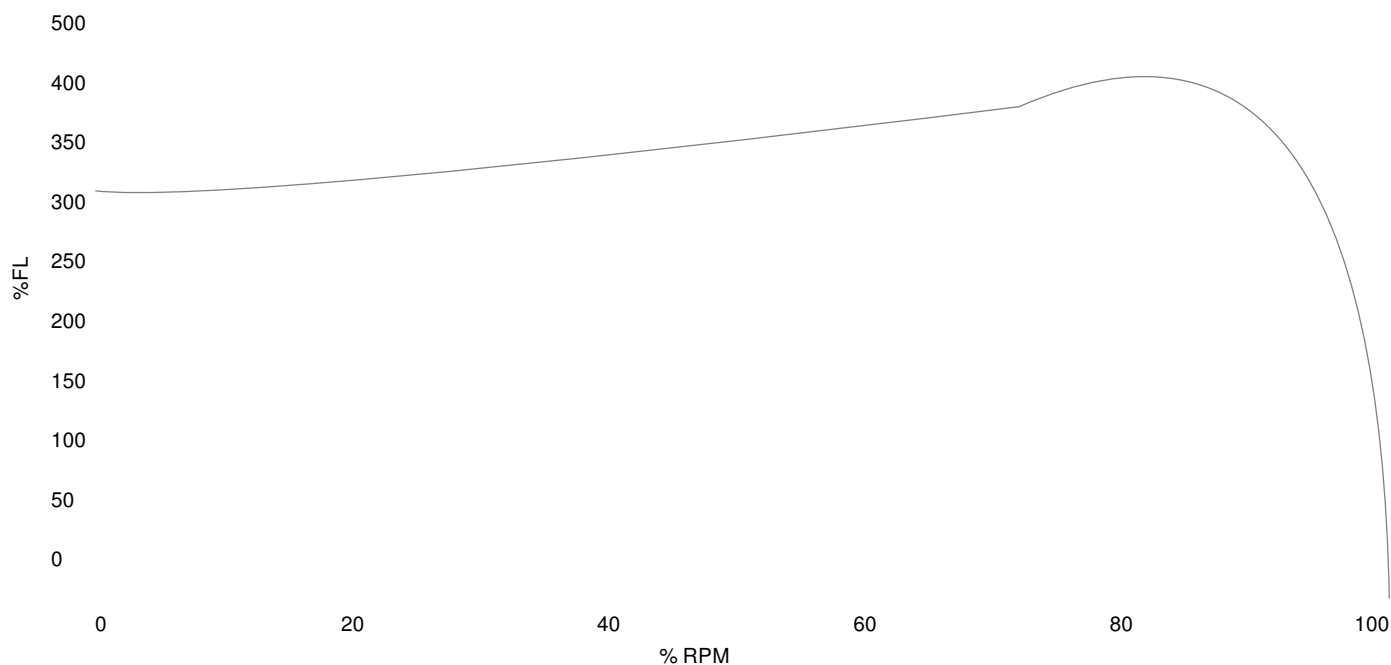
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**NEMA**

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 0.5HP, 3490 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	2.36979	315.0	Start Configuration
Pull-Up Torque	2.28703	304.0	Starting Current (A)
Breakdown Torque	2.85879	380.0	No-Load Current (A)
Full Load	0.752313	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.63	-	-	-	-
25	0.125	-	-	-	-	-
50	0.25	-	-	-	-	-
75	0.375	-	-	-	-	-
100	0.5	-	-	-	-	-
125	0.625	-	-	-	-	-

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