



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	WX3-AL-TF-215TC-6-B-D-5
<b>FACTORY TYPE:</b>	TXA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	5.0	5.0
Speed, RPM	1170	965
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	14.2/7.11	16.7/8.35
Power Factor	0.73	-
Nominal Efficiency	89.5	87.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	J	H
FL Amps. @ 208 V	15.4	-
LRC @ 60Hz HV	48.763	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Date Code	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	32.0	32.0
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	215TC		
Frame Enclosure	TEFC		
Mounting	Rigid/C-Flange		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	A		
Frame Material	Cast Aluminum		
Ingress Protection	56		
Tropicalization	true		
Cable Entry	1-NPT 1"		
Feet Removable	true		
Double Drilled	-		
Paint Color	-		
Paint RAL	-		
Weight lb	113.0		
MECHANICAL DATA			
DE Bearing	6308ZZ		
NDE Bearing	6208ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavey washer)	-		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque		53.779	242.0
Pull-Up Torque		-	-
Breakdown Torque		41.5565	187.0
Full Load Torque		22.2227	100.0
SITE CONDITIONS			
Ambient Temp °C		40	
Altitude Above Sea Level m		1000	

\*This report valid for above Date Code and newer models, please contact Techttop for more info.

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