NEMA Premium

MOTOR MODEL:	GR3-AL-TF-56C-4-B-D-.33
FACTORY TYPE:	TXA

NEMA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	0.33	0.33
Speed, RPM	1750	1430
Voltage	208-230/460	190/380
# Phase	3	
Full Load Amps	1.48-1.34/0.67	1.52/0.76
Power Factor	0.63	-
Nominal Efficiency	74.0	73.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	H
FL Amps. @ 208 V	1.48	-
LRC @ 60Hz HV	3.8458	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Date Code	-	
Load	**Efficiency %**	**P.F.**
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	27.5	-
3D Image Link		
GR3-AL-TF-56C-4-B-D-.33		

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

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	55
Tropicalization	true
Cable Entry	1-NPT 1/2”
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	15.8
MECHANICAL DATA	
DE Bearing	6204ZZ
NDE Bearing	6204ZZ
dB No-Load	-
Rotor Wk², Lb-Ft²	-
Comp Ring (wavey washer)	NDE

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	3.45917	350.0
Pull-Up Torque	2.69815	273.0
Breakdown Torque	3.75567	380.0
Full Load Torque	0.988333	100.0
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

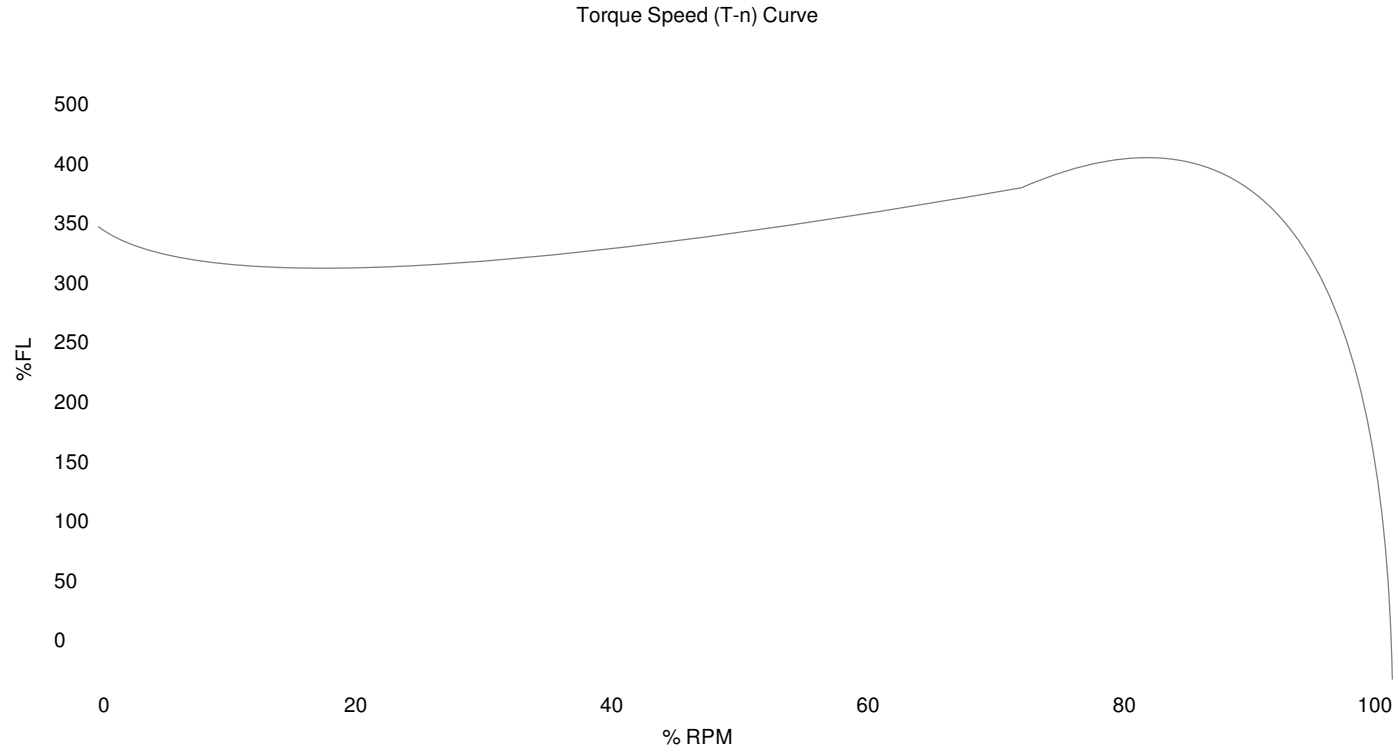
Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techtopind.com

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Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	3.45917	350.0	Start Configuration	-
Pull-Up Torque	2.69815	273.0	Starting Current (A)	-
Breakdown Torque	3.75567	380.0	No-Load Current (A)	-
Full Load	0.988333	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.56	-	-	-	-
25	0.0825	-	-	-	-	-
50	0.165	-	-	-	-	-
75	0.2475	-	-	-	-	-
100	0.33	-	-	-	-	-
125	0.4125	-	-	-	-	-

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