NEMA Premium

MOTOR MODEL:	GR3-AL-TF-145TC-6-B-D-1
FACTORY TYPE:	TXA

NEMA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.0	1.0
Speed, RPM	1145	935
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	3.26/1.63	3.80/1.90
Power Factor	0.7	-
Nominal Efficiency	82.5	79.1
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	H	G
FL Amps. @ 208 V	3.36	-
LRC @ 60Hz HV	-	-
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	-	21.0
3D Image Link		
Not available for this motor		

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

GENERAL DATA	
Frame Size	145TC
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 3/4”
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	34.5
MECHANICAL DATA	
DE Bearing	6205ZZ
NDE Bearing	6205ZZ
dB No-Load	-
Rotor Wk^2, $Lb\text{-}Ft^2$	-
Comp Ring (wavey washer)	-

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	-	-
Pull-Up Torque	-	-
Breakdown Torque	-	-
Full Load Torque	-	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