



IE3

IEC

<b>MOTOR MODEL:</b>	GR3-AL-TF-100LB34-4-B-D-4
<b>FACTORY TYPE:</b>	TAX

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### IE3 IEC Cast Aluminum, TEFC

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<b>ELECTRICAL DATA</b>		
	60 Hz	50 Hz
Horsepower	4.0	4.0
Speed, RPM	1755	1445
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	10.6/5.32	12.5/6.25
Power Factor	0.79	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	L	J
FL Amps. @ 208 V	11.1	-
Locked Rotor Current	-	-
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%	-	-
<b>FULL LOAD TEMPERATURE RISE</b>		
FL Temp Rise °C	-	-
<b>3D Image Link</b>		
Not available for this motor		

<b>GENERAL DATA</b>			
Frame Size	100LB34		
Frame Enclosure	TEFC		
Mounting	B34		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	-		
Frame Material	Cast Aluminum		
Ingress Protection	55		
Tropicalization	true		
Cable Entry	1-M20X1.5		
Feet Removable	true		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	63.0		
<b>MECHANICAL DATA</b>			
DE Bearing	6206ZZ		
NDE Bearing	6206ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavy washer)	-		
<b>TORQUE VALUES</b>		<b>Torque lb-ft</b>	<b>% FLT</b>
Locked Rotor Torque	-	-	
Pull-Up Torque	-	-	
Breakdown Torque	-	-	
Full Load Torque	-	-	
<b>SITE CONDITIONS</b>			
Ambient Temp °C	40		
Altitude Above Sea Level m	1000		

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Non Sinusoidal (VFD) Output 4.0HP, 1755 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	-	-	Start Configuration
Pull-Up Torque	-	-	Starting Current (A)
Breakdown Torque	-	-	No-Load Current (A)
Full Load	-	-	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-