

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	2.0	2.0
Frame Size	145JM	
Speed, RPM	3500	2880
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	5.18/2.59	6.16/3.08
Power Factor	0.85	-
Nominal Efficiency	85.5	83.8
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	39.7	39.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	H
FL Amps. @ 208 V	5.58	-
Insulation Class	F	
NEMA Design	B	
Weight	29.5	
DE Bearing	6205ZZ	
NDE Bearing	6205ZZ	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	

<b>Motor Model:</b>	<b>GR3-AL-TF-145JM-2-B-D-2</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.29	-	-	-	-
25	0.5	1.37	489.13	3575.5	76.67	0.45
50	1.0	1.67	887.26	3554.1	84.53	0.67
75	1.5	2.08	1302.5	3529.7	86.37	0.79
100	2.0	2.58	1738.8	3502.4	86.27	0.85
125	2.5	3.14	2199.9	3472.1	85.23	0.88
150	3.0	3.77	2689.5	3438.8	83.66	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	8.91226	2.94	-	23.2974
Pull Up Torque	6.12339	2.02	-	-
Breakdown Torque	10.0642	3.32	-	-
Full Load	3.03138	100.0	-	2.58

### Speed Torque Curve

Please contact Techtop for image.

### Dimensional Drawing

Please contact Techtop for image.

Dimensions are for reference only. Allowance should be made for minor deviations in non standard specified properties.

3D Image Link: Not available for this motor