

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	3.0	3.0
Frame Size	182T	
Speed, RPM	3515	2900
Voltage	3 Phase US	190/380
# Phase	3	
Full Load Amps	7.17/3.59	8.38/4.19
Power Factor	0.89	-
Nominal Efficiency	86.5	86.2
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	37.0	37.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	H
FL Amps. @ 208 V	7.77	-
Insulation Class	F	
NEMA Design	A	
Weight	50.0	
DE Bearing	6306ZZ	
NDE Bearing	6206ZZ	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Start Capacitor		
Start Capacitor V	-	
Run Capacitor		
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	4.2	

Motor Model:	GR3-AL-TF-182T-2-B-D-3
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Performance Load Values:

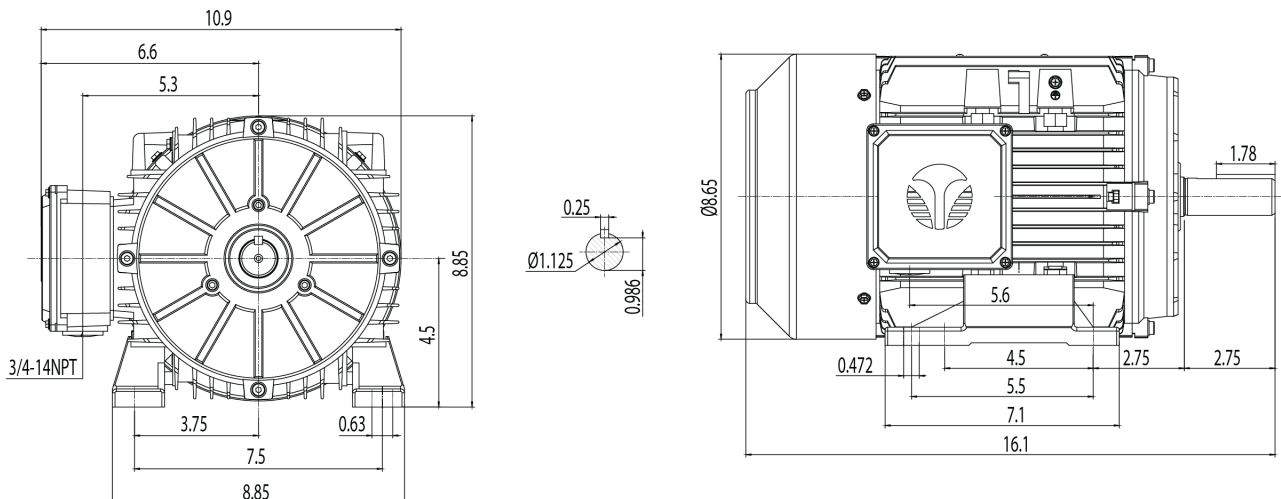
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.31	-	-	-	-
25	0.75	1.58	723.3	3579.3	76.04	0.58
50	1.5	2.13	1306.0	3561.2	84.23	0.77
75	2.25	2.79	1909.0	3541.2	86.43	0.86
100	3.0	3.56	2537.0	3519.6	86.72	0.9
125	3.75	4.39	3194.0	3496.3	86.1	0.91
150	4.5	5.28	3882.0	3471.2	85.01	0.92
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	11.1842	2.54	-	9.36
Pull Up Torque	5.54809	1.26	-	-
Breakdown Torque	15.6315	3.55	-	-
Full Load	4.40325	100.0	-	3.56

Speed Torque Curve

Please contact Techtop for image.

Dimensional Drawing



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