

Techtop Industries

Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	75.0	75.0
Frame Size	250MB3	
Speed, RPM	1775	1480
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	172.4/86.2	195.94/97.97
Power Factor	0.87	0.888
Nominal Efficiency	95.4	94.94
3/4 Load Efficiency	95.31	95.24
Service Factor	1.15	1.0
Duty	CONT / S1	
FL Temp Rise °C	-	-
Enclosure	TEFC	
Ambient Temp	40	
KVA Code	-	F
FL Amps. @ 208 V	190.6	-
Insulation Class	F	
NEMA Design	B	
Weight	1014.3	
DE Bearing	6314C3	
NDE Bearing	6314C3	
dB No-Load	95.0	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor		
Start Capacitor V		
Run Capacitor		
Run Capacitor V		
Number of Leads	6	
Connection	D	
Coil Resistance	-	

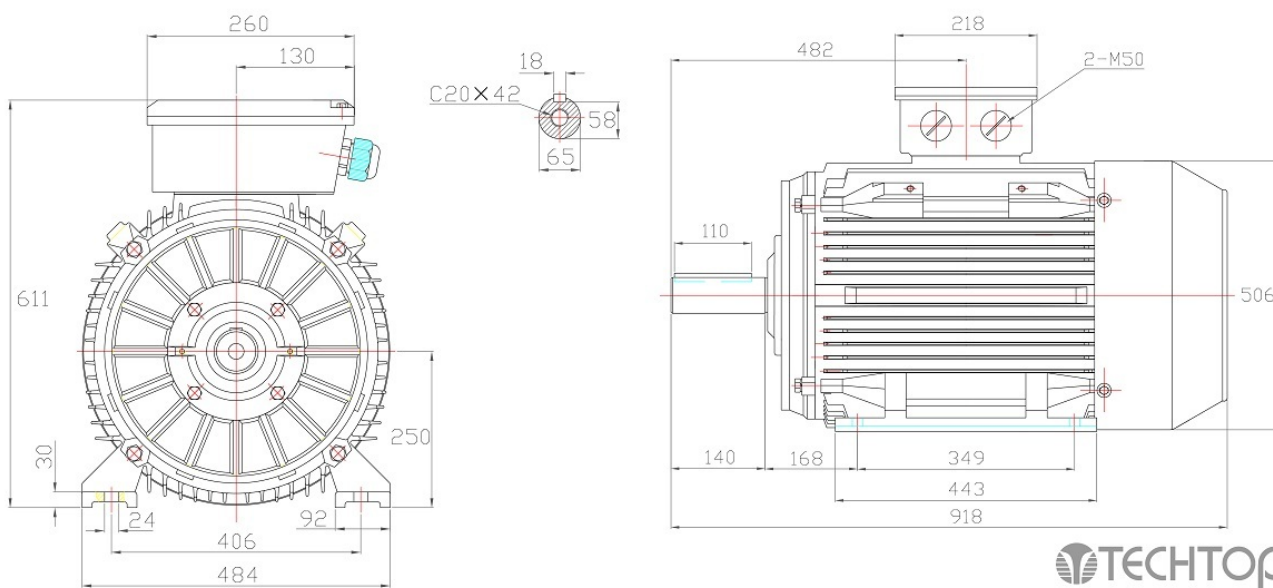
Motor Model:		GR3-CI-TF-250MB3-4-BR-D-75				
Performance Load Values:						
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	18.75	-	-	-	-	-
50	37.5	-	-	-	-	-
75	56.25	-	-	-	-	-
100	75.0	86.2	-	1775.0	95.4	-
125	93.75	-	-	-	-	-
150	112.5	-	-	-	-	-
SF	86.25	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	710.144	320.0	-	-
Pull Up Torque	-	-	-	-
Breakdown Torque	-	-	-	-
Full Load	221.92	100.0	1775.0	86.2

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