

Techtop Industries

Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	10.0	10.0
Frame Size	215T	
Speed, RPM	1750	1445
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	24.8/12.4	30/15
Power Factor	0.84	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	91.3	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	50.0	75.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	G	H
FL Amps. @ 208 V	27.42	-
Insulation Class	F	
NEMA Design	B	
Weight	177.0	
DE Bearing	6308ZZ	
NDE Bearing	6308ZZ	
dB No-Load	76.0	
Rotor Wk ² , Lb-Ft ²	0.0469	
Start Capacitor		
Start Capacitor V	-	
Run Capacitor		
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	1.05	

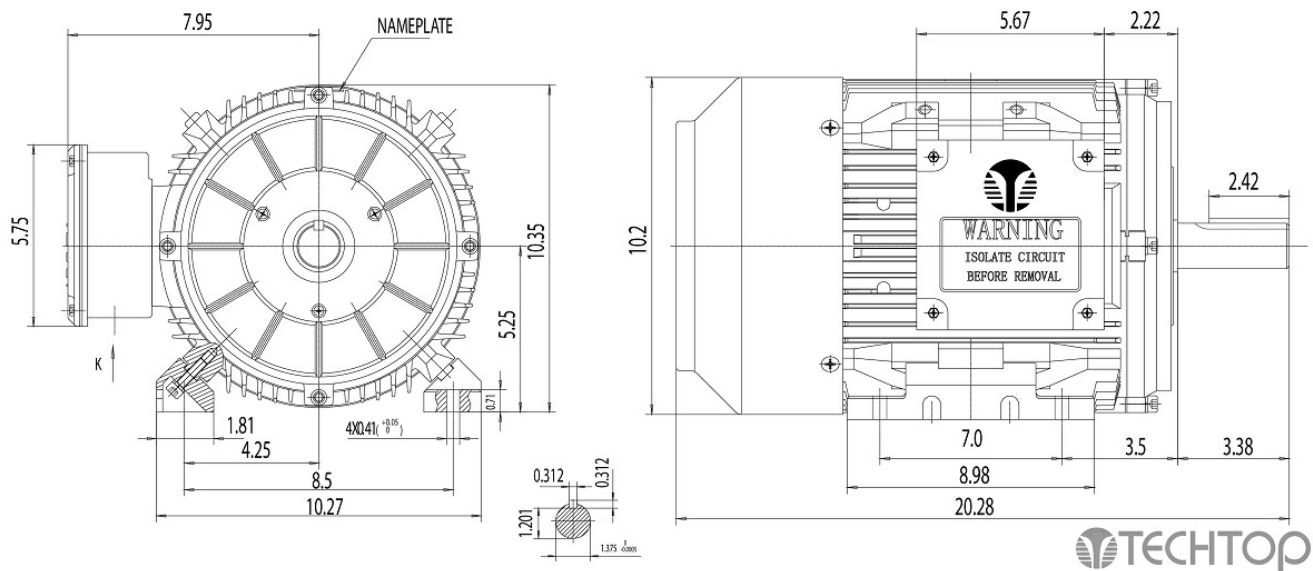
Motor Model:		GR3-CI-TF-215T-4-B-D-10				
Performance Load Values:						
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	4.973	0.263	-	-	0.066
25	2.5	5.499	2.161	1791.8	86.8	0.493
50	5.0	7.328	4.11	1784.5	91.3	0.704
75	7.5	9.518	6.106	1776.5	92.1	0.805
100	10.0	12.01	8.159	1767.7	91.9	0.853
125	12.5	14.76	10.276	1758.2	91.2	0.874
150	15.0	-	-	-	-	-
SF	12.5	14.76	10.276	1758.2	91.2	0.874

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	82.474	274.0	-	124.2
Pull Up Torque	56.588	188.0	-	-
Breakdown Torque	115.283	383.0	-	-
Full Load	30.1	100.0	1767.7	12.01

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

Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techttopind.com