Techtop Industries

Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	30.0	30.0
Frame Size	286TS	
Speed, RPM	3550	-
Voltage	3 Phase US (575V)	-
# Phase	3	
Full Load Amps	28.16715748	-
Power Factor	0.9	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	64.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	-
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	374.85	
DE Bearing	6311C3	
NDE Bearing	6311C3	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Start Capacitor		
Start Capacitor V		
Run Capacitor		
Run Capacitor V		
Number of Leads	6	
Connection	?	
Coil Resistance	-	

Motor Model:	**GR3-CI-TF-286TS-2-BR-F-30**

Performance Load Values:

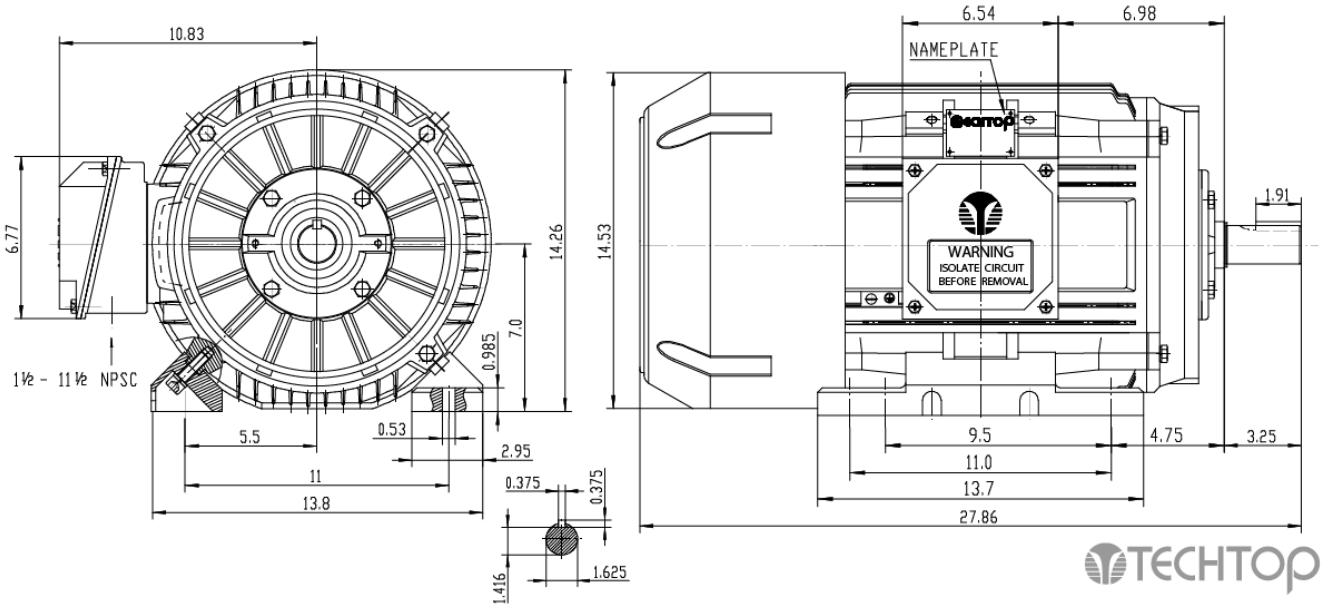
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	15.0	12.06	-	-	-	-
25	15.0	14.45	6.67	3589.1	84.0	0.58
50	15.0	20.37	12.44	3579.5	90.04	0.77
75	22.5	27.14	18.32	3569.0	91.7	0.85
100	30.0	34.59	24.32	3557.8	92.09	0.88
125	15.0	42.59	30.46	3545.9	91.92	0.9
150	15.0	50.98	36.74	3533.2	91.45	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	144.75	323.0	-	1028.0
Pull Up Torque	82.0101	183.0	-	-
Breakdown Torque	166.709	372.0	-	-
Full Load	44.8143	100.0	3557.8	34.59

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

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