

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	30.0	30.0
Frame Size	286JM	
Speed, RPM	3550	2930
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	70.42/35.21	83.8/41.9
Power Factor	0.9	-
Nominal Efficiency	91.7	89.0
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	F
FL Amps. @ 208 V	77.8659	-
Insulation Class	F	
NEMA Design	A	
Weight	374.85	
DE Bearing	6311C3	
NDE Bearing	6311C3	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	??/?	
Coil Resistance	-	

Motor Model:	GR3-CI-TF-286JM-2-BR-D-30
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.06	-	-	-	-
25	7.5	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	37.5	42.59	30.46	3545.9	91.92	0.9
150	45.0	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	-	355.585
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

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