

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	50.0	50.0
Frame Size	326JM	
Speed, RPM	3560	2940
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	113.12/56.56	141/70.5
Power Factor	0.9	-
Nominal Efficiency	93.0	91.2
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	63.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	F
FL Amps. @ 208 V	125.087	-
Insulation Class	F	
NEMA Design	A	
Weight	529.2	
DE Bearing	6312C3	
NDE Bearing	6312C3	
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-326JM-2-BR-D-50
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	15.79	-	-	-	-
25	12.5	20.77	10.58	3591.0	88.13	0.64
50	25.0	31.09	20.14	3582.2	92.58	0.81
75	37.5	42.8	29.87	3572.7	93.66	0.88
100	50.0	55.69	39.78	3562.4	93.76	0.9
125	62.5	69.53	49.9	3551.4	93.44	0.9
150	75.0	84.1	60.24	3539.5	92.88	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	227.048	306.0	-	467.239
Pull Up Torque	128.364	173.0	-	-
Breakdown Torque	225.564	304.0	-	-
Full Load	74.1988	100.0	3562.4	55.69

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