

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	60.0	60.0
Frame Size	364JM	
Speed, RPM	1775	1465
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	135.94/67.97	166/83
Power Factor	0.86	-
Nominal Efficiency	95.0	92.5
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	55.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	782.775	
DE Bearing	6313C3	
NDE Bearing	6313C3	
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-364JM-4-BR-D-60
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	22.39	-	-	-	-
25	15.0	27.61	12.34	1796.1	91.2	0.56
50	30.0	38.98	23.86	1792.3	94.31	0.77
75	45.0	52.43	35.57	1788.2	94.89	0.85
100	60.0	67.55	47.48	1783.9	94.77	0.88
125	75.0	83.89	59.63	1779.4	94.34	0.89
150	90.0	101.02	72.01	1774.5	93.73	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	542.343	306.0	-	664.692
Pull Up Torque	368.651	208.0	-	-
Breakdown Torque	600.831	339.0	-	-
Full Load	177.236	100.0	1783.9	67.55

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