

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
<b>Horsepower</b>	20.0	20.0
<b>Frame Size</b>	286JM	
<b>Speed, RPM</b>	1175	-
<b>Voltage</b>	3 Phase US (575V)	-
<b># Phase</b>	3	
<b>Full Load Amps</b>	20.4	-
<b>Power Factor</b>	0.8	-
<b>Nominal Efficiency</b>	91.7	-
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	-
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	-	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	L	-
<b>FL Amps. @ 208 V</b>	-	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	403.515	
<b>DE Bearing</b>	6311C3	
<b>NDE Bearing</b>	6311C3	
<b>dB No-Load</b>	-	
<b>Rotor Wk<sup>2</sup>, Lb-Ft<sup>2</sup></b>	-	
<b>Start Capacitor</b>		
<b>Start Capacitor V</b>		
<b>Run Capacitor</b>		
<b>Run Capacitor V</b>		
<b>Number of Leads</b>	12	
<b>Connection</b>	?	
<b>Coil Resistance</b>	-	

<b>Motor Model:</b>	<b>GR3-CI-TF-286JM-6-BR-F-20</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	10.0	11.93	-	-	-	-
25	10.0	13.18	4.35	1195.8	86.25	0.41
50	10.0	16.17	8.23	1191.8	91.19	0.64
75	15.0	20.24	12.2	1187.5	92.24	0.76
100	20.0	25.14	16.28	1182.8	92.16	0.81
125	10.0	30.62	20.48	1177.8	91.56	0.84
150	10.0	36.46	24.81	1172.4	90.7	0.85
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	224.057	249.0	-	236.819
Pull Up Torque	120.577	134.0	-	-
Breakdown Torque	296.043	329.0	-	-
Full Load	89.9826	100.0	1182.8	25.14

**Speed Torque Curve**

Please contact Techtop for image.

**Dimensional Drawing**

**DRAWING UNAVAILABLE CONTACT TECHTOP**

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

