

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
<b>Horsepower</b>	20.0	20.0
<b>Frame Size</b>	256JP	
<b>Speed, RPM</b>	1760	-
<b>Voltage</b>	3 Phase US (575V)	-
<b># Phase</b>	3	
<b>Full Load Amps</b>	18.3	-
<b>Power Factor</b>	0.83	-
<b>Nominal Efficiency</b>	93.0	-
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	-
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	51.0	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	K	-
<b>FL Amps. @ 208 V</b>	-	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	330.75	
<b>DE Bearing</b>	6309C3	
<b>NDE Bearing</b>	6309C3	
<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-256JP-4-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	8.72	-	-	-	-
25	10.0	10.25	4.28	1793.3	87.68	0.52
50	10.0	13.84	8.16	1786.6	91.95	0.74
75	15.0	18.28	12.13	1779.4	92.77	0.83
100	20.0	23.35	16.2	1771.7	92.58	0.87
125	10.0	28.86	20.39	1763.5	91.95	0.89
150	10.0	34.6	24.7	1754.9	91.1	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	166.907	280.0	-	211.318
Pull Up Torque	122.796	206.0	-	-
Breakdown Torque	209.826	352.0	-	-
Full Load	59.6098	100.0	1771.7	23.35

**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

