

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
<b>Horsepower</b>	25.0	25.0
<b>Frame Size</b>	324JP	
<b>Speed, RPM</b>	1180	965
<b>Voltage</b>	230/460	190/380
<b># Phase</b>	3	
<b>Full Load Amps</b>	61.39/30.69	74/37
<b>Power Factor</b>	0.81	-
<b>Nominal Efficiency</b>	93.0	90.0
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	1.0
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	52.0	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	M	E
<b>FL Amps. @ 208 V</b>	67.8825	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	500.535	
<b>DE Bearing</b>	6312C3	
<b>NDE Bearing</b>	6312C3	
<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-324JP-6-BR-D-25</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	14.61	-	-	-	-
25	6.25	16.05	5.35	1196.5	86.95	0.42
50	12.5	19.84	10.14	1193.1	91.71	0.64
75	18.75	24.87	15.04	1189.5	92.78	0.76
100	25.0	30.81	20.04	1185.7	92.81	0.82
125	31.25	34.69	23.1	1183.3	92.58	0.84
150	37.5	37.36	25.17	1181.7	92.37	0.85
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	374.193	338.0	-	361.401
Pull Up Torque	218.095	197.0	-	-
Breakdown Torque	464.974	420.0	-	-
Full Load	110.708	100.0	1185.7	30.81

### 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

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