

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                                 |             |         |
|--|-------------|---------|
|  | 60 Hz.      | 50 Hz.  |
| <b>Horsepower</b>                              | 100.0       | 100.0   |
| <b>Frame Size</b>                              | 315SB34     |         |
| <b>Speed, RPM</b>                              | 1180        | 980     |
| <b>Voltage</b>                                 | 3 Phase US  | 190/380 |
| <b># Phase</b>                                 | 3           |         |
| <b>Full Load Amps</b>                          | 227.8/113.9 | 278/139 |
| <b>Power Factor</b>                            | 0.87        | -       |
| <b>Nominal Efficiency</b>                      | 95.0        | -       |
| <b>3/4 Load Efficiency</b>                     | -           | -       |
| <b>Service Factor</b>                          | 1.15        | 1.0     |
| <b>Duty</b>                                    | Cont. / S1  |         |
| <b>FL Temp Rise °C</b>                         | 75.0        | 88.0    |
| <b>Enclosure</b>                               | TEFC        |         |
| <b>Ambient Temp °C</b>                         | 40          |         |
| <b>KVA Code</b>                                | H           | D       |
| <b>FL Amps. @ 208 V</b>                        | -           | -       |
| <b>Insulation Class</b>                        | F           |         |
| <b>NEMA Design</b>                             | -           |         |
| <b>Weight</b>                                  | 1632.0      |         |
| <b>DE Bearing</b>                              | NU319       |         |
| <b>NDE Bearing</b>                             | 6319C3      |         |
| <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-315SB34-6-BR-D-100</b> |
|---------------------|-------------------------------------|

Performance Load Values:

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | -             | -                      | -          | -          | -  |
| 25     | -          | -             | -                      | -          | -          | -  |
| 50     | -          | -             | -                      | -          | -          | -  |
| 75     | -          | -             | -                      | -          | -          | -  |
| 100    | -          | -             | -                      | -          | -          | -  |
| 125    | -          | -             | -                      | -          | -          | -  |
| 150    | -          | -             | -                      | -          | -          | -  |
| SF     | -          | -             | -                      | -          | -          | -  |

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | -             | -                  | -          | -             |
| Pull Up Torque      | -             | -                  | -          | -             |
| Breakdown Torque    | -             | -                  | -          | -             |
| Full Load           | -             | -                  | -          | -             |

### 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