

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |             |       |
|--|-------------|-------|
|  | 60 Hz       | 50 Hz |
| Horsepower                                 | 1.5         | 1.5   |
| Frame Size                                 | 145T        |       |
| Speed, RPM                                 | 1715        | -     |
| Voltage                                    | 575         | -     |
| # Phase                                    | 3           |       |
| Full Load Amps                             | 1.731905708 | -     |
| Power Factor                               | 0.74        | -     |
| Nominal Efficiency                         | 86.5        | -     |
| 3/4 Load Efficiency                        | -           | -     |
| Service Factor                             | 1.25        | 1.0   |
| Duty                                       | Cont. / S1  |       |
| FL Temp Rise °C                            | -           | -     |
| Enclosure                                  | TEFC        |       |
| Ambient Temp °C                            | 40          |       |
| KVA Code                                   | L           | -     |
| FL Amps. @ 208 V                           | -           | -     |
| Insulation Class                           | F           |       |
| NEMA Design                                | A           |       |
| Weight                                     | 54.0225     |       |
| DE Bearing                                 | 6205ZZ      |       |
| NDE Bearing                                | 6205ZZ      |       |
| dB No-Load                                 | -           |       |
| Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup> | -           |       |
| Start Capacitor                            | -           |       |
| Start Capacitor V                          | -           |       |
| Run Capacitor                              | -           |       |
| Run Capacitor V                            | -           |       |
| Number of Leads                            | 3           |       |
| Connection                                 | Y           |       |
| Coil Resistance                            | -           |       |

|                     |                                 |
|---------------------|---------------------------------|
| <b>Motor Model:</b> | <b>GR3-CI-TF-145T-4-B-F-1.5</b> |
|---------------------|---------------------------------|

Performance Load Values:

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | -             | -                      | -          | -          | -  |
| 25     | 0.375      | -             | -                      | -          | -          | -  |
| 50     | 0.75       | -             | -                      | -          | -          | -  |
| 75     | 1.125      | -             | -                      | -          | -          | -  |
| 100    | 1.5        | -             | -                      | -          | -          | -  |
| 125    | 1.875      | -             | -                      | -          | -          | -  |
| 150    | 2.25       | -             | -                      | -          | -          | -  |
| 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