

| NAMEPLATE DATA                             |            |        |
|--|------------|--------|
|  | 60 Hz.     | 50 Hz. |
| Horsepower                                 | 150.0      | 150.0  |
| Frame Size                                 | 445T       |        |
| Speed, RPM                                 | 1780       | 1480   |
| Voltage                                    | 3 Phase US | 380    |
| # Phase                                    | 3          |        |
| Full Load Amps                             | 166.595569 | 200    |
| Power Factor                               | 0.88       | -      |
| Nominal Efficiency                         | 95.8       | 94.3   |
| 3/4 Load Efficiency                        | -          | -      |
| Service Factor                             | 1.15       | 1.0    |
| Duty                                       | Cont. / S1 |        |
| FL Temp Rise °C                            | 60.0       | -      |
| Enclosure                                  | TEFC       |        |
| Ambient Temp °C                            | 40         |        |
| KVA Code                                   | H          | D      |
| FL Amps. @ 208 V                           | -          | -      |
| Insulation Class                           | F          |        |
| NEMA Design                                | A          |        |
| Weight                                     | 1631.7     |        |
| DE Bearing                                 | 6319C3     |        |
| NDE Bearing                                | 6319C3     |        |
| 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                            | 6          |        |
| Connection                                 | ?          |        |
| Coil Resistance                            | 0.06       |        |

|                     |                                  |
|---------------------|----------------------------------|
| <b>Motor Model:</b> | <b>GR3-CI-TF-445T-4-BR-E-150</b> |
|---------------------|----------------------------------|

Performance Load Values:

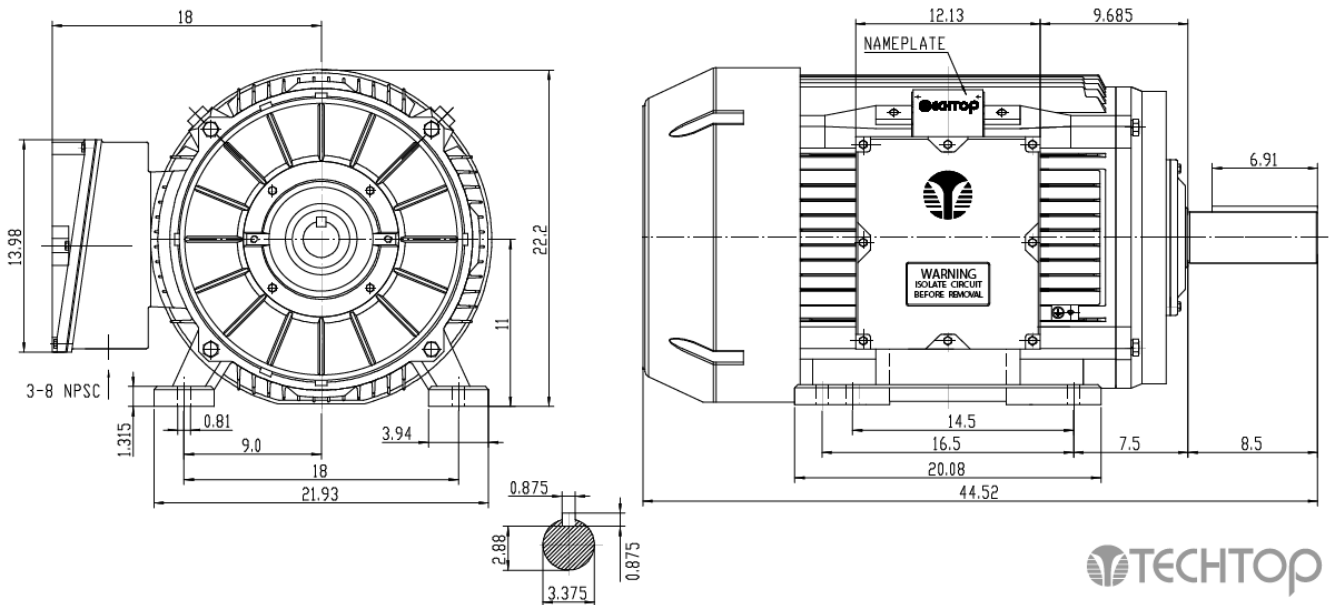
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | 75.0       | 65.07         | -                      | -          | -          | -    |
| 25     | 75.0       | 78.63         | 34.53                  | 1797.4     | 91.59      | 0.55 |
| 50     | 75.0       | 109.21        | 66.75                  | 1794.9     | 94.76      | 0.77 |
| 75     | 112.5      | 146.37        | 99.37                  | 1792.3     | 95.48      | 0.85 |
| 100    | 150.0      | 187.92        | 132.44                 | 1789.6     | 95.52      | 0.88 |
| 125    | 75.0       | 214.06        | 152.51                 | 1787.9     | 95.39      | 0.89 |
| 150    | 75.0       | 231.7         | 165.97                 | 1786.7     | 95.27      | 0.9  |
| SF     | -          | -             | -                      | -          | -          | -    |

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 1962.2        | 455.0              | -          | 1169.0        |
| Pull Up Torque      | 983.256       | 228.0              | -          | -             |
| Breakdown Torque    | 2005.32       | 465.0              | -          | -             |
| Full Load           | 431.253       | 100.0              | 1794.0     | 166.1         |

### Speed Torque Curve

Please contact Techtop for image.

### Dimensional Drawing



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