

| 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 ² , Lb-Ft ² | - | |
| Start Capacitor | - | |
| Start Capacitor V | - | |
| Run Capacitor | - | |
| Run Capacitor V | - | |
| Number of Leads | 6 | |
| Connection | ? | |
| Coil Resistance | - | |

| | |
|---------------------|----------------------------------|
| Motor Model: | BR3-CI-TF-445T-4-BR-E-150 |
|---------------------|----------------------------------|

Performance Load Values:

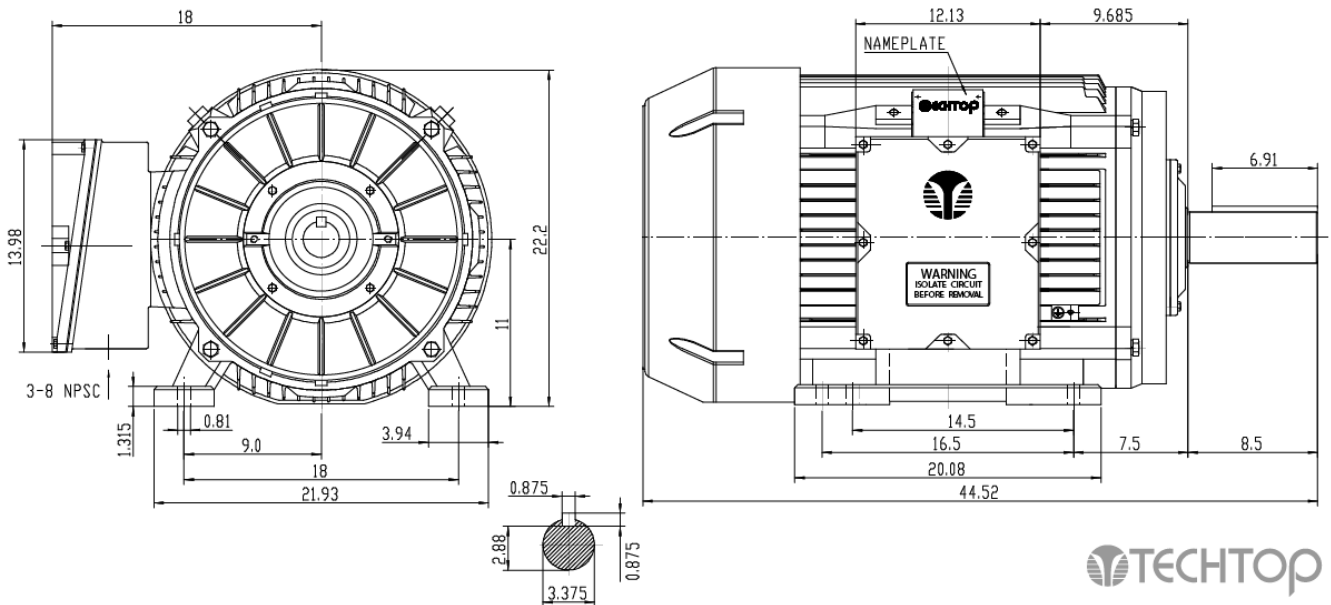
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | 75.0 | 65.07 | - | - | - | - |
| 25 | 75.0 | 78.63 | 34.53 | 1797.4 | 91.59 | 0.55 |
| 50 | 75.0 | 109.21 | 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