

Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA | | |
|--|-------------|--------|
| | 60 Hz. | 50 Hz. |
| Horsepower | 200.0 | 200.0 |
| Frame Size | 447T | |
| Speed, RPM | 1780 | 1480 |
| Voltage | 3 Phase US | 380 |
| # Phase | 3 | |
| Full Load Amps | 218.7183825 | 269 |
| Power Factor | 0.89 | - |
| Nominal Efficiency | 96.2 | 94.0 |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| Duty | Cont. / S1 | |
| FL Temp Rise °C | 74.0 | - |
| Enclosure | TEFC | |
| Ambient Temp °C | 40 | |
| KVA Code | H | D |
| FL Amps. @ 208 V | - | - |
| Insulation Class | F | |
| NEMA Design | A | |
| Weight | 2055.06 | |
| 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-447T-4-BR-E-200 |
|---------------------|----------------------------------|

Performance Load Values:

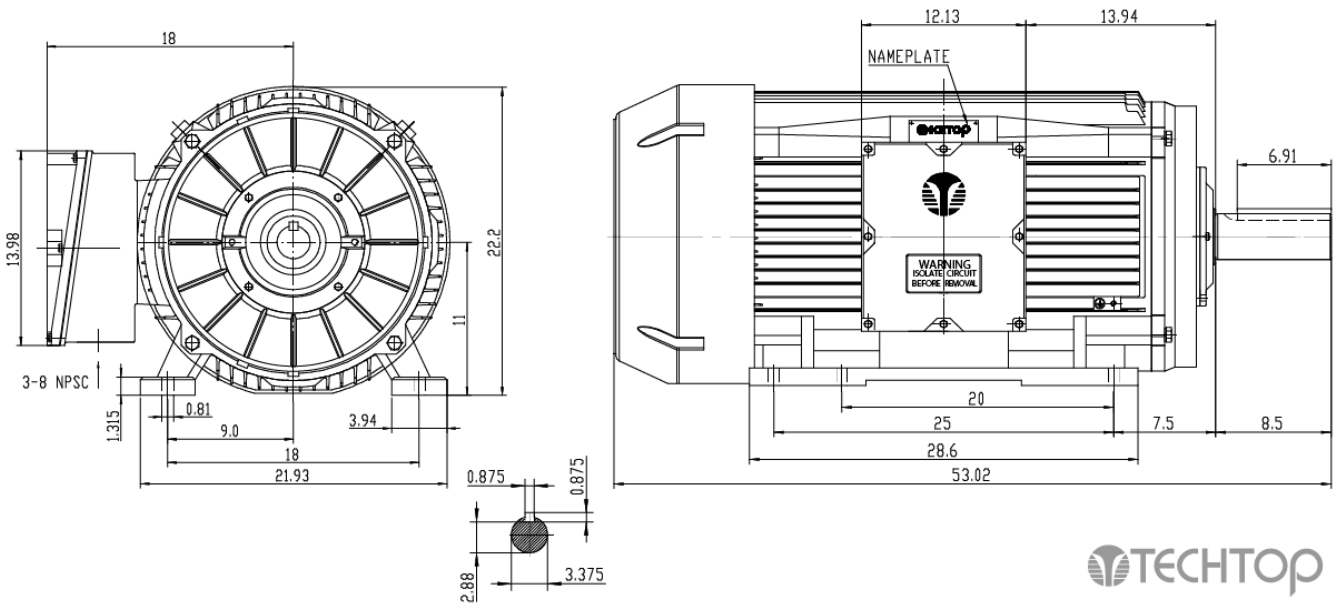
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | 100.0 | 84.68 | - | - | - | - |
| 25 | 100.0 | 100.46 | 40.44 | 1797.7 | 92.73 | 0.51 |
| 50 | 100.0 | 134.85 | 78.67 | 1795.5 | 95.34 | 0.73 |
| 75 | 150.0 | 177.4 | 117.4 | 1793.2 | 95.83 | 0.83 |
| 100 | 200.0 | 225.59 | 156.67 | 1790.9 | 95.74 | 0.87 |
| 125 | 100.0 | 256.15 | 180.49 | 1789.4 | 95.57 | 0.88 |
| 150 | 100.0 | 276.87 | 196.49 | 1788.5 | 95.43 | 0.89 |
| SF | - | - | - | - | - | - |

| | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 2627.68 | 450.0 | - | 1196.0 |
| Pull Up Torque | 1775.14 | 304.0 | - | - |
| Breakdown Torque | 2277.32 | 390.0 | - | - |
| Full Load | 583.928 | 100.0 | 1790.9 | 225.6 |

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: <https://onedrive.live.com/redir?resid=D9AD913FBF3860CC!2032&authkey=IAHuChOYDnzrccQ4&ihint=file%2cSTEP>