

Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA | | |
|--|----------------------|--------|
| | 60 Hz. | 50 Hz. |
| Horsepower | 200.0 | 200.0 |
| Frame Size | 449T | |
| Speed, RPM | 1180 | - |
| Voltage | 3 Phase US (575V) | - |
| # Phase | 3 | |
| Full Load Amps | 179.7444914 | - |
| Power Factor | 0.87 | - |
| Nominal Efficiency | 95.8 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| Duty | Cont. / S1 | |
| FL Temp Rise °C | 113.0 | - |
| Enclosure | TEFC | |
| Ambient Temp °C | 40 | |
| KVA Code | H | - |
| FL Amps. @ 208 V | - | - |
| Insulation Class | F | |
| NEMA Design | A | |
| Weight | 2244.69 | |
| DE Bearing | NU319 | |
| 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: | GR3-CI-TF-449T-6-RR-F-200 |
|---------------------|----------------------------------|

Performance Load Values:

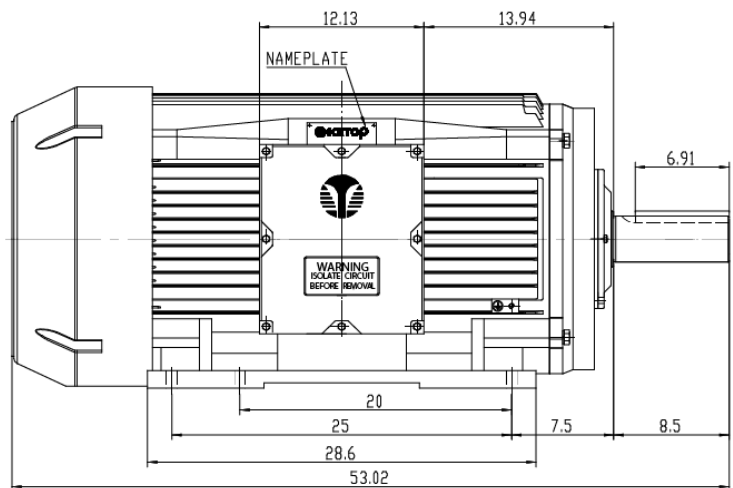
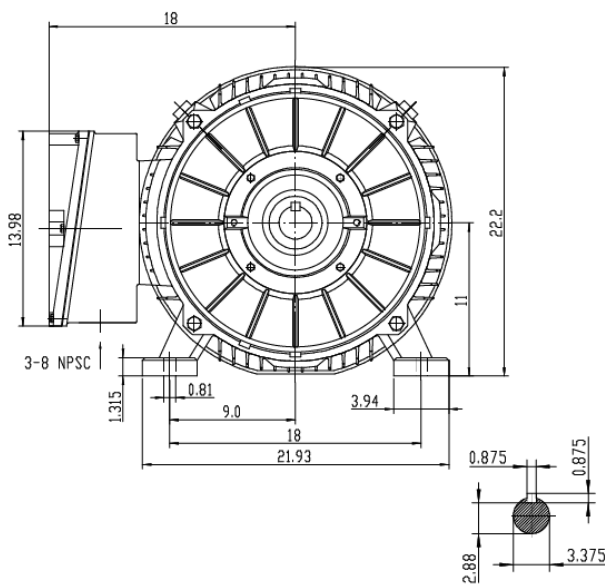
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | 100.0 | 86.89 | - | - | - | - |
| 25 | 100.0 | 105.68 | 46.68 | 1197.5 | 92.38 | 0.55 |
| 50 | 100.0 | 150.24 | 90.87 | 1195.1 | 94.92 | 0.76 |
| 75 | 150.0 | 203.98 | 135.81 | 1192.3 | 95.26 | 0.84 |
| 100 | 200.0 | 265.03 | 181.63 | 1189.4 | 94.97 | 0.86 |
| 125 | 100.0 | 304.38 | 209.57 | 1187.5 | 94.66 | 0.86 |
| 150 | 100.0 | 331.5 | 228.4 | 1186.2 | 94.41 | 0.86 |
| SF | - | - | - | - | - | - |

| | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 2467.2 | 241.0 | - | 772.0 |
| Pull Up Torque | 0.0 | - | - | - |
| Breakdown Torque | 3030.26 | 296.0 | - | - |
| Full Load | 1023.74 | 100.0 | 1191.9 | 265.0 |

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=D9AD913FBF3860CC2032&authkey=IAHuChOYDnzrccQ4&thint=file%2cSTEP>

