

Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA | | |
|--|-------------|-------|
| | 60 Hz | 50 Hz |
| Horsepower | 15.0 | 15.0 |
| Frame Size | 284T | |
| Speed, RPM | 1175 | - |
| Voltage | 575 | - |
| # Phase | 3 | |
| Full Load Amps | 16.12199145 | - |
| Power Factor | 0.8 | - |
| Nominal Efficiency | 91.7 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.25 | 1.0 |
| Duty | Cont. / S1 | |
| FL Temp Rise °C | 46.0 | - |
| Enclosure | TEFC | |
| Ambient Temp °C | 40 | |
| KVA Code | M | - |
| FL Amps. @ 208 V | - | - |
| Insulation Class | F | |
| NEMA Design | A | |
| Weight | 363.825 | |
| DE Bearing | 6311C3 | |
| NDE Bearing | 6311C3 | |
| 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-284T-6-BR-F-15 |
|---------------------|---------------------------------|

Performance Load Values:

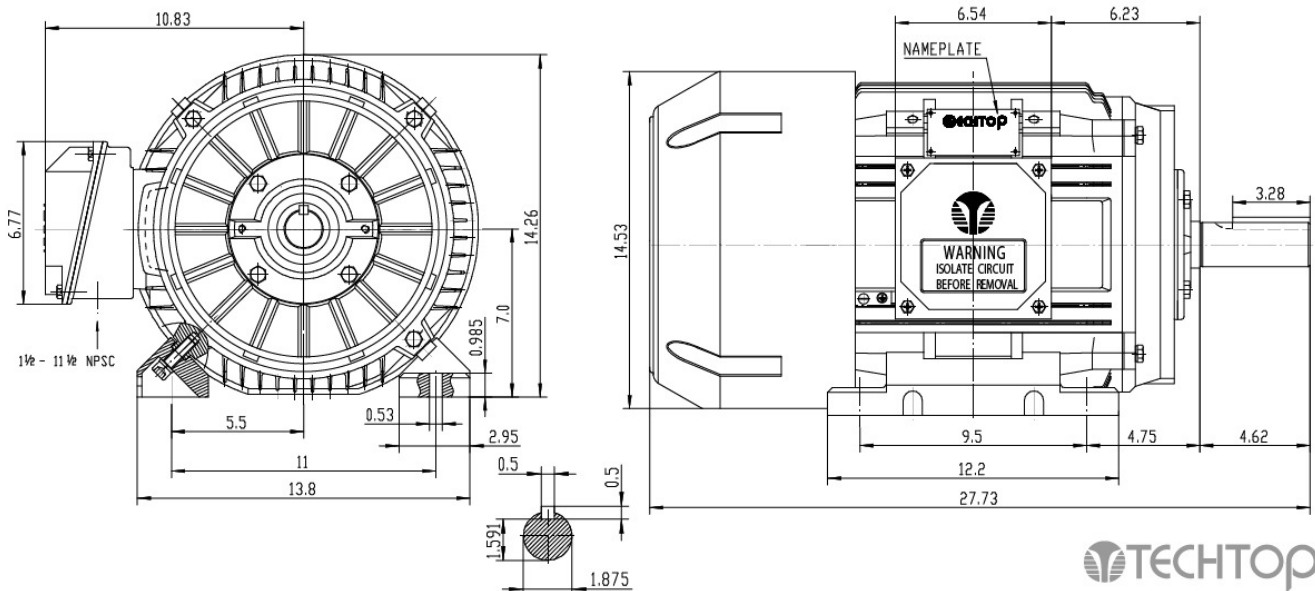
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 10.91 | - | - | - | - |
| 25 | 3.75 | 11.67 | 3.39 | 1196.6 | 83.41 | 0.36 |
| 50 | 7.5 | 13.71 | 6.3 | 1193.3 | 89.62 | 0.58 |
| 75 | 11.25 | 16.54 | 9.29 | 1189.8 | 91.24 | 0.71 |
| 100 | 15.0 | 19.97 | 12.35 | 1186.0 | 91.52 | 0.78 |
| 125 | 18.75 | 23.86 | 15.49 | 1182.0 | 91.21 | 0.81 |
| 150 | 22.5 | 28.02 | 18.71 | 1177.9 | 90.59 | 0.84 |
| SF | - | - | - | - | - | - |

| | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 220.176 | 326.0 | - | 203.894 |
| Pull Up Torque | 96.5801 | 143.0 | - | - |
| Breakdown Torque | 268.128 | 397.0 | - | - |
| Full Load | 67.5386 | 100.0 | 1186.0 | 19.97 |

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