

| NAMEPLATE DATA | | |
|--|-------------|-------|
| | 60 Hz | 50 Hz |
| Horsepower | 125.0 | 125.0 |
| Frame Size | 445 | |
| Speed, RPM | 1180 | - |
| Voltage | 575 | - |
| # Phase | 3 | |
| Full Load Amps | 114.6036136 | - |
| Power Factor | 0.86 | - |
| Nominal Efficiency | 95.0 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| Duty | Cont. / S1 | |
| FL Temp Rise °C | 100.0 | - |
| Enclosure | TEFC | |
| Ambient Temp °C | 40 | |
| KVA Code | J | - |
| FL Amps. @ 208 V | - | - |
| Insulation Class | F | |
| NEMA Design | A | |
| Weight | 1730.93 | |
| 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-445T-6-RR-F-125 |
|---------------------|----------------------------------|

Performance Load Values:

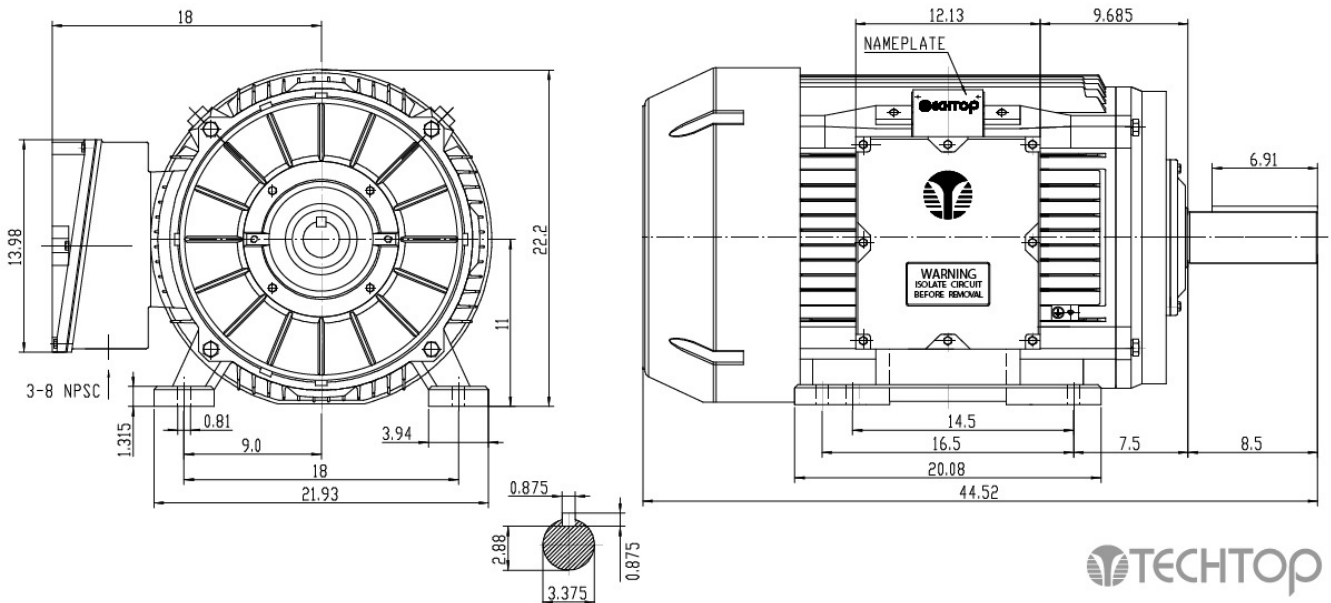
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 62.1 | - | - | - | - |
| 25 | 31.25 | 73.09 | 30.01 | 1197.8 | 89.39 | 0.52 |
| 50 | 62.5 | 99.61 | 57.61 | 1195.7 | 93.12 | 0.73 |
| 75 | 93.75 | 132.1 | 85.77 | 1193.4 | 93.83 | 0.81 |
| 100 | 125.0 | 169.49 | 114.54 | 1191.0 | 93.68 | 0.85 |
| 125 | 156.25 | 210.69 | 143.98 | 1188.3 | 93.16 | 0.86 |
| 150 | 187.5 | 254.63 | 174.16 | 1185.4 | 92.42 | 0.86 |
| SF | - | - | - | - | - | - |

| | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 1694.37 | 269.0 | - | 1445.83 |
| Pull Up Torque | 894.427 | 142.0 | - | - |
| Breakdown Torque | 1933.73 | 307.0 | - | - |
| Full Load | 629.878 | 100.0 | 1193.1 | 169.5 |

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