

Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA | | |
|--|---------------|-----------|
| | 60 Hz. | 50 Hz. |
| Horsepower | 0.33 | 0.33 |
| Frame Size | 56C | |
| Speed, RPM | 1750 | 1430 |
| Voltage | 3 Phase US | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 1.3-1.34/0.67 | 1.52/0.76 |
| Power Factor | 0.63 | - |
| Nominal Efficiency | 74.0 | 73.0 |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.25 | 1.0 |
| Duty | Cont. / S1 | |
| FL Temp Rise °C | 27.5 | - |
| Enclosure | TEFC | |
| Ambient Temp °C | 40 | |
| KVA Code | K | H |
| FL Amps. @ 208 V | 1.3 | - |
| Insulation Class | F | |
| NEMA Design | B | |
| Weight | 15.8 | |
| DE Bearing | 6204ZZ | |
| NDE Bearing | 6204ZZ | |
| dB No-Load | - | |
| Rotor Wk ² , Lb-Ft ² | - | |
| Start Capacitor | | |
| Start Capacitor V | | |
| Run Capacitor | | |
| Run Capacitor V | | |
| Number of Leads | 9 | |
| Connection | YY/Y | |
| Coil Resistance | - | |

| | |
|---------------------|--------------------------------|
| Motor Model: | GR3-AL-TF-56C-4-B-D-.33 |
|---------------------|--------------------------------|

Performance Load Values:

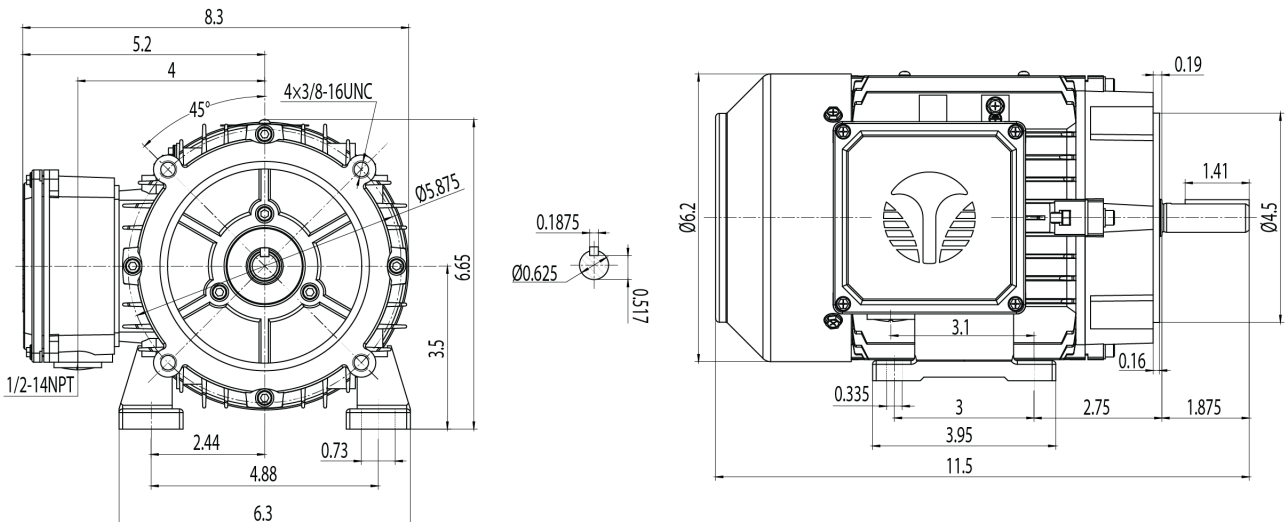
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0 | - | 0.56 | - | - | - | - |
| 25 | 0.0825 | - | - | - | - | - |
| 50 | 0.165 | - | - | - | - | - |
| 75 | 0.2475 | - | - | - | - | - |
| 100 | 0.33 | - | - | - | - | - |
| 125 | 0.4125 | - | - | - | - | - |
| 150 | 0.495 | - | - | - | - | - |
| SF | - | - | - | - | - | - |

| | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 3.45917 | 3.5 | - | 5.74 |
| Pull Up Torque | 2.69815 | 2.73 | - | - |
| Breakdown Torque | 3.75567 | 3.8 | - | - |
| Full Load | 0.988333 | 100.0 | - | 0.67 |

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