

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |                      |        |
|--|----------------------|--------|
|  | 60 Hz.               | 50 Hz. |
| Horsepower                                 | 3.0                  | 3.0    |
| Frame Size                                 | 182T                 |        |
| Speed, RPM                                 | 1755                 | -      |
| Voltage                                    | 3 Phase US<br>(575V) | -      |
| # Phase                                    | 3                    |        |
| Full Load Amps                             | 3.178201904          | -      |
| Power Factor                               | 0.8                  | -      |
| Nominal Efficiency                         | 89.5                 | -      |
| 3/4 Load Efficiency                        | -                    | -      |
| Service Factor                             | 1.25                 | 1.0    |
| Duty                                       | Cont. / S1           |        |
| FL Temp Rise °C                            | -                    | -      |
| Enclosure                                  | TEFC                 |        |
| Ambient Temp °C                            | 40                   |        |
| KVA Code                                   | L                    | -      |
| FL Amps. @ 208 V                           | -                    | -      |
| Insulation Class                           | F                    |        |
| NEMA Design                                | A                    |        |
| Weight                                     | 94.815               |        |
| DE Bearing                                 | 6306ZZ               |        |
| NDE Bearing                                | 6306ZZ               |        |
| dB No-Load                                 | -                    |        |
| Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup> | -                    |        |
| Start Capacitor                            | -                    |        |
| Start Capacitor V                          | -                    |        |
| Run Capacitor                              | -                    |        |
| Run Capacitor V                            | -                    |        |
| Number of Leads                            | 3                    |        |
| Connection                                 | Y                    |        |
| Coil Resistance                            | -                    |        |

|                     |                               |
|---------------------|-------------------------------|
| <b>Motor Model:</b> | <b>GR3-CI-TF-182T-4-B-F-3</b> |
|---------------------|-------------------------------|

Performance Load Values:

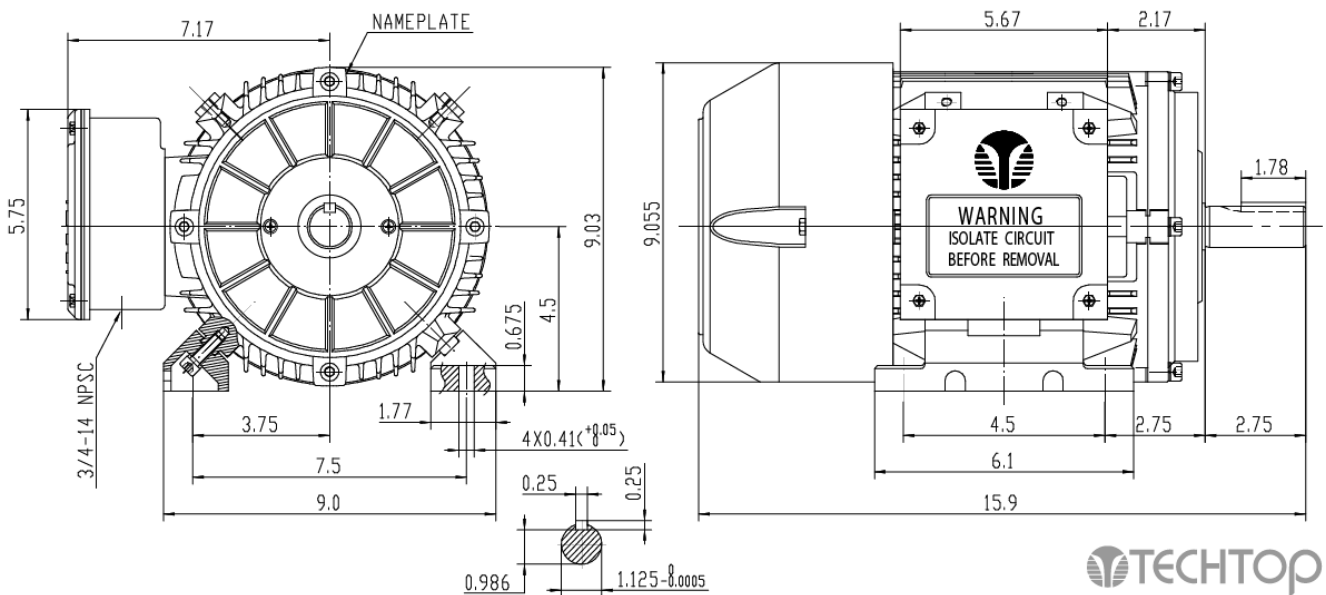
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | 1.5        | -             | -                      | -          | -          | -  |
| 25     | 1.5        | -             | -                      | -          | -          | -  |
| 50     | 1.5        | -             | -                      | -          | -          | -  |
| 75     | 2.25       | -             | -                      | -          | -          | -  |
| 100    | 3.0        | -             | -                      | -          | -          | -  |
| 125    | 1.5        | -             | -                      | -          | -          | -  |
| 150    | 1.5        | -             | -                      | -          | -          | -  |
| SF     | -          | -             | -                      | -          | -          | -  |

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | -             | -                  | -          | -             |
| Pull Up Torque      | -             | -                  | -          | -             |
| Breakdown Torque    | -             | -                  | -          | -             |
| Full Load           | -             | -                  | -          | -             |

### 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

