# Techtop Industries

## Nameplate and Performance Data

| NAMEPLATE DATA | | |
|---|---|---|
| | 60 Hz. | 50 Hz. |
| **Horsepower** | 1.5 | 1.5 |
| **Frame Size** | 143JP | |
| **Speed, RPM** | 3490 | - |
| **Voltage** | 3 Phase US (575V) | - |
| **# Phase** | 3 | |
| **Full Load Amps** | 1.69 | - |
| **Power Factor** | 0.79 | - |
| **Nominal Efficiency** | 82.5 | - |
| **3/4 Load Efficiency** | - | - |
| **Service Factor** | 1.25 | - |
| **Duty** | Cont. / S1 | |
| **FL Temp Rise °C** | 46.0 | - |
| **Enclosure** | TEFC | |
| **Ambient Temp °C** | 40 | |
| **KVA Code** | K | - |
| **FL Amps. @ 208 V** | - | - |
| **Insulation Class** | F | |
| **NEMA Design** | B | |
| **Weight** | 25.0 | |
| **DE Bearing** | 6206ZZ | |
| **NDE Bearing** | 6205ZZ | |
| **dB No-Load** | - | |
| **Rotor Wk², Lb-Ft²** | - | |
| **Start Capacitor** | - | |
| **Start Capacitor V** | - | |
| **Run Capacitor** | - | |
| **Run Capacitor V** | - | |
| **Number of Leads** | 3 | |
| **Connection** | Y | |
| **Coil Resistance** | - | |

| **Motor Model:** | **GA3-AL-TF-143JP-2-B-F-1.5** |
|---|---|

Performance Load Values:

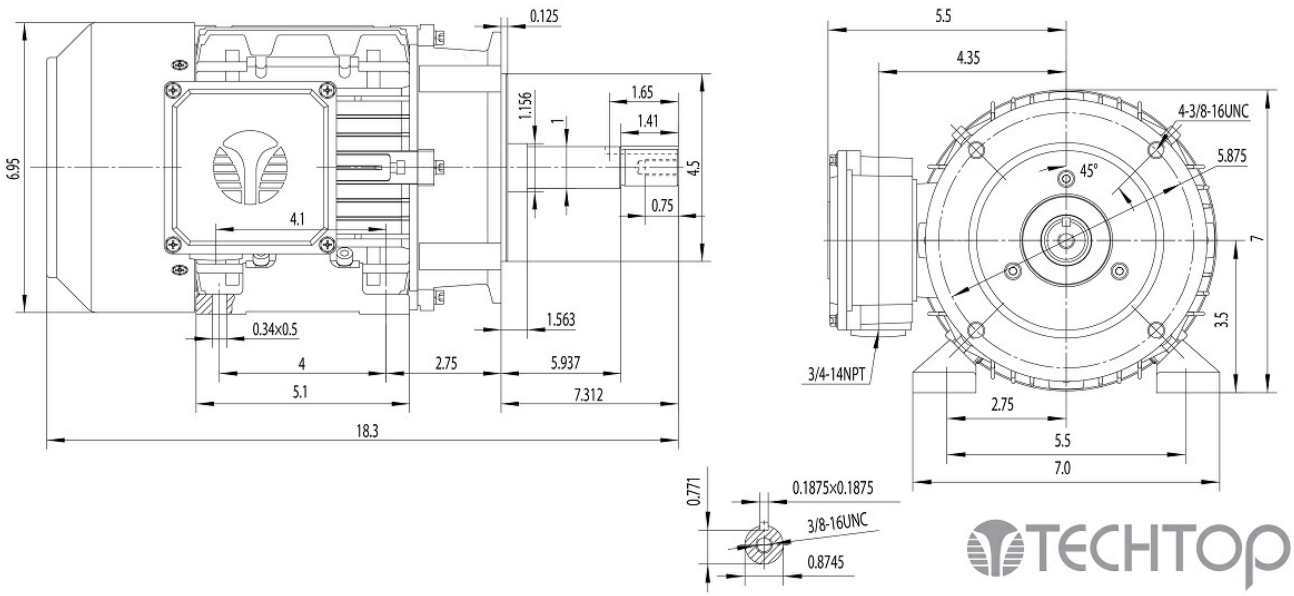
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|---|---|---|---|---|---|---|
| 0 | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - |
| 50 | - | - | - | - | - | - |
| 75 | - | - | - | - | - | - |
| 100 | - | - | - | - | - | - |
| 125 | - | - | - |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