

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |            |           |
|--|------------|-----------|
|  | 60 Hz.     | 50 Hz.    |
| Horsepower                                 | 5.0        | 5.0       |
| Frame Size                                 | 215TC      |           |
| Speed, RPM                                 | 1170       | 965       |
| Voltage                                    | 3 Phase US | 190/380   |
| # Phase                                    | 3          |           |
| Full Load Amps                             | 14.2/7.11  | 16.7/8.35 |
| Power Factor                               | 0.73       | -         |
| Nominal Efficiency                         | 89.5       | 87.5      |
| 3/4 Load Efficiency                        | -          | -         |
| Service Factor                             | 1.25       | 1.0       |
| Duty                                       | Cont. / S1 |           |
| FL Temp Rise °C                            | 32.0       | 32.0      |
| Enclosure                                  | TEFC       |           |
| Ambient Temp °C                            | 40         |           |
| KVA Code                                   | J          | H         |
| FL Amps. @ 208 V                           | 15.4       | -         |
| Insulation Class                           | F          |           |
| NEMA Design                                | A          |           |
| Weight                                     | 113.0      |           |
| DE Bearing                                 | 6308ZZ     |           |
| NDE Bearing                                | 6208ZZ     |           |
| 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                            | 9          |           |
| Connection                                 | YY/Y       |           |
| Coil Resistance                            | 2.8        |           |

|                     |                                |
|---------------------|--------------------------------|
| <b>Motor Model:</b> | <b>GR3-AL-TF-215TC-6-B-D-5</b> |
|---------------------|--------------------------------|

Performance Load Values:

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | 3.5           | -                      | -          | -          | -  |
| 25     | 1.25       | -             | -                      | -          | -          | -  |
| 50     | 2.5        | -             | -                      | -          | -          | -  |
| 75     | 3.75       | -             | -                      | -          | -          | -  |
| 100    | 5.0        | -             | -                      | -          | -          | -  |
| 125    | 6.25       | -             | -                      | -          | -          | -  |
| 150    | 7.5        | -             | -                      | -          | -          | -  |
| SF     | -          | -             | -                      | -          | -          | -  |

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 53.779        | 2.42               | -          | 6.82          |
| Pull Up Torque      | -             | -                  | -          | -             |
| Breakdown Torque    | 41.5565       | 1.87               | -          | -             |
| Full Load           | 22.2227       | 100.0              | -          | 7.15          |

### Speed Torque Curve

Please contact Techttop for image.

### Dimensional Drawing

**DRAWING UNAVAILABLE CONTACT TECHTOP**

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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