

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |            |           |
|--|------------|-----------|
|  | 60 Hz      | 50 Hz     |
| Horsepower                                 | 2.0        | 2.0       |
| Frame Size                                 | 145T       |           |
| Speed, RPM                                 | 1740       | 1425      |
| Voltage                                    | 230/460    | 190/380   |
| # Phase                                    | 3          |           |
| Full Load Amps                             | 5.58/2.79  | 6.64/3.32 |
| Power Factor                               | 0.78       | -         |
| Nominal Efficiency                         | 86.5       | 83.5      |
| 3/4 Load Efficiency                        | -          | -         |
| Service Factor                             | 1.25       | 1.0       |
| Duty                                       | Cont. / S1 |           |
| FL Temp Rise °C                            | 33.5       | 27.0      |
| Enclosure                                  | TEFC       |           |
| Ambient Temp °C                            | 40         |           |
| KVA Code                                   | K          | G         |
| FL Amps. @ 208 V                           | 5.95       | -         |
| Insulation Class                           | F          |           |
| NEMA Design                                | B          |           |
| Weight                                     | 39.5       |           |
| DE Bearing                                 | 6205ZZ     |           |
| NDE Bearing                                | 6205ZZ     |           |
| 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                            | -          |           |

|                     |                               |
|---------------------|-------------------------------|
| <b>Motor Model:</b> | <b>WX3-AL-TF-145T-4-B-D-2</b> |
|---------------------|-------------------------------|

Performance Load Values:

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | -             | -                      | -          | -          | -  |
| 25     | 0.5        | -             | -                      | -          | -          | -  |
| 50     | 1.0        | -             | -                      | -          | -          | -  |
| 75     | 1.5        | -             | -                      | -          | -          | -  |
| 100    | 2.0        | -             | -                      | -          | -          | -  |
| 125    | 2.5        | -             | -                      | -          | -          | -  |
| 150    | 3.0        | -             | -                      | -          | -          | -  |
| SF     | -          | -             | -                      | -          | -          | -  |

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 18.3478       | 3.03               | -          | 43.4988       |
| Pull Up Torque      | 12.898        | 2.13               | -          | -             |
| Breakdown Torque    | 19.68         | 3.25               | -          | -             |
| Full Load           | 6.05539       | 100.0              | -          | 5.62          |

### Speed Torque Curve

Please contact Techtop for image.

### Dimensional Drawing

Please contact Techtop for image.

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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