

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |                |           |
|--|----------------|-----------|
|  | 60 Hz          | 50 Hz     |
| Horsepower                                 | 0.33           | 0.33      |
| Frame Size                                 | 56C            |           |
| Speed, RPM                                 | 3520           | 2900      |
| Voltage                                    | 208-230/460    | 190/380   |
| # Phase                                    | 3              |           |
| Full Load Amps                             | 1.22-1.24/0.62 | 1.38/0.69 |
| Power Factor                               | 0.7            | -         |
| Nominal Efficiency                         | 72.0           | 73.0      |
| 3/4 Load Efficiency                        | -              | -         |
| Service Factor                             | 1.25           | 1.0       |
| Duty                                       | Cont. / S1     |           |
| FL Temp Rise °C                            | 26.3           | -         |
| Enclosure                                  | TEFC           |           |
| Ambient Temp °C                            | 40             |           |
| KVA Code                                   | M              | H         |
| FL Amps. @ 208 V                           | 1.22           | -         |
| Insulation Class                           | F              |           |
| NEMA Design                                | B              |           |
| Weight                                     | 14.9           |           |
| DE Bearing                                 | 6204ZZ         |           |
| NDE Bearing                                | 6204ZZ         |           |
| 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-56C-2-B-D-.33</b> |
|---------------------|--------------------------------|

Performance Load Values:

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | 0.49          | -                      | -          | -          | -  |
| 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 | 1.70487       | 3.35               | -          | 4.5567        |
| Pull Up Torque      | 1.40461       | 2.76               | -          | -             |
| Breakdown Torque    | 2.12219       | 4.17               | -          | -             |
| Full Load           | 0.508918      | 100.0              | -          | 0.61          |

### 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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