

## Techtop Industries Nameplate and Performance Data

| NAMEPLATE DATA                             |             |        |
|--|-------------|--------|
|  | 60 Hz.      | 50 Hz. |
| Horsepower                                 | 0.75        | -      |
| Frame Size                                 | 56          |        |
| Speed, RPM                                 | 1725        | -      |
| Voltage                                    | 1 Phase US  | -      |
| # Phase                                    | 1           |        |
| Full Load Amps                             | 7.4/4.1-3.7 | -      |
| Power Factor                               | 0.9         | -      |
| Nominal Efficiency                         | 72.0        | -      |
| 3/4 Load Efficiency                        | -           | -      |
| Service Factor                             | 1.15        | -      |
| Duty                                       | Cont. / S1  |        |
| FL Temp Rise °C                            | 62.95       | -      |
| Enclosure                                  | TEFC        |        |
| Ambient Temp °C                            | 40          |        |
| KVA Code                                   | J           | -      |
| FL Amps. @ 208 V                           | 4.1         | -      |
| Insulation Class                           | F           |        |
| NEMA Design                                | L           |        |
| Weight                                     | 30.0        |        |
| DE Bearing                                 | 6203-2RZ    |        |
| NDE Bearing                                | 6202-2RZ    |        |
| dB No-Load                                 | -           |        |
| Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup> | -           |        |
| Start Capacitor                            |             |        |
| Start Capacitor V                          | 125V        |        |
| Run Capacitor                              |             |        |
| Run Capacitor V                            | 250V        |        |
| Number of Leads                            | 7           |        |
| Connection                                 | -           |        |
| Coil Resistance                            | 0.0         |        |

|                     |                               |
|---------------------|-------------------------------|
| <b>Motor Model:</b> | <b>RD1-RS-TF-56-4-B-C-.75</b> |
|---------------------|-------------------------------|

Performance Load Values:

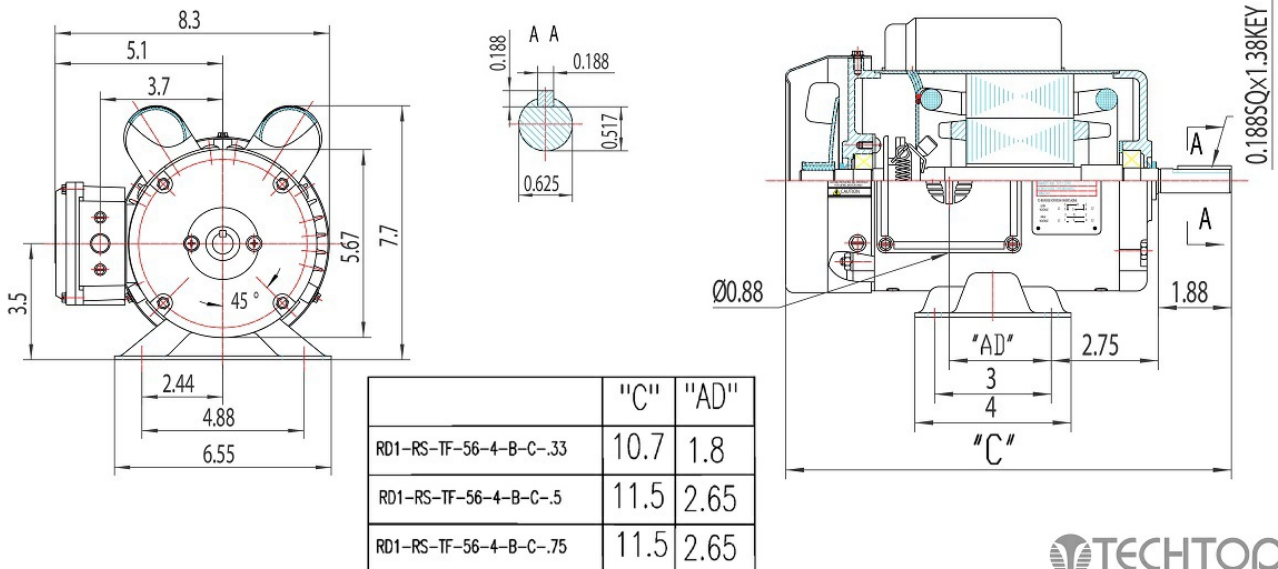
| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0      | -          | -             | -                      | -          | -          | -  |
| 25     | -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

|                     | Torque, Lb-Ft | % Full Load Torque | Speed, RPM | Current Amps. |
|---------------------|---------------|--------------------|------------|---------------|
| Locked Rotor Torque | 7.13348       | 313.0              | -          | 672.0         |
| Pull Up Torque      | 5.24185       | 230.0              | -          | -             |
| Breakdown Torque    | 6.22185       | 273.0              | -          | -             |
| Full Load           | 2.27907       | 100.0              | -          | 3.36          |

### 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