

# DC AXIAL FANS



## DS SERIES 80×80×20 mm

- \* Material: Impeller & Frame: Plastic (UL 94V-0)
- \* Lead Wires: UL 1061 AWG #26 or Equivalent
- \* Impeller: 7 Blades
- \* Rotational direction CCW view from front face
- \* Weight: 70g (2.47 OZ)

| MODEL         |        | Bearing Type |     | Rated Voltage | Operating Voltage Range |      | Rated Current | Rated Input Power | Speed | Maximum Air Flow   |                     | Maximum Air Pressure |       | Acoustic Noise | Life expectancy<br>L <sub>10</sub> @40 °C |
|---------------|--------|--------------|-----|---------------|-------------------------|------|---------------|-------------------|-------|--------------------|---------------------|----------------------|-------|----------------|-------------------------------------------|
| PART NO.      | SIGNAL | B.T.S.R      | VDC | VDC           | Amp                     | Watt | R.P.M.        | m³/min            | CFM   | mmH <sub>2</sub> O | IN H <sub>2</sub> O | dB-A                 | hours |                |                                           |
| DS08020_12E   | -FG/RD | B I R        | 12  | 5.0 to 13.2   | 0.20                    | 2.40 | 2800          | 1.018             | 35.95 | 3.44               | 0.135               | 32.2                 | 70000 |                |                                           |
| DS08020_12L   | -FG/RD | B I R        | 12  | 5.0 to 13.2   | 0.30                    | 3.60 | 3300          | 1.114             | 39.33 | 4.78               | 0.188               | 37.2                 | 70000 |                |                                           |
| * DS08020_12M | -FG/RD | B I R        | 12  | 5.0 to 13.2   | 0.40                    | 4.80 | 3600          | 1.233             | 43.53 | 5.57               | 0.219               | 40.1                 | 70000 |                |                                           |
| DS08020_12H   | -FG/RD | B I R        | 12  | 5.0 to 13.2   | 0.50                    | 6.00 | 4200          | 1.448             | 51.14 | 7.36               | 0.290               | 44.2                 | 70000 |                |                                           |
| DS08020_12U   | -FG/RD | B I          | 12  | 5.0 to 13.2   | 0.60                    | 7.20 | 4900          | 1.694             | 59.82 | 9.85               | 0.388               | 48.3                 | 70000 |                |                                           |

