OD4020 Series

DC Fan - 5, 12, 24V
40x20mm (1.58”x 0.79”)

Frame & Impeller: PBT, UL94V-0 plastic
Connection: 2x Lead wires 26AWG
Motor: Brushless DC, auto restart, impedance and polarity protected
Bearing System: Ball bearing
Insulation Resistance: 10M ohm between leadwire and frame (500VDC)
Dielectric Strength: 1 minute at 500 VAC, max leakage < 500 MicroAmp
Storage Temperature: -40C ~ +80C

Available Options:
- Sleeve Bearing
- Sealed Sleeve Bearing
- Tachometer
- Alarm

Life Expectancy (L10)
- Ball: 60,000 hrs (45C)
- Sleeve: 30,000 hrs (45C)

Operating Temperature
- Ball: -10C ~ 70C

Weight: ~0.06 lbs.

Model Number | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts DC | Voltage Range (VDC) | Amps | Max. Static Pressure (“H2O)
--- | --- | --- | --- | --- | --- | --- | ---
OD4020-05HB | 7800 | 9 | 36 | 5 | 4 ~ 7 | 0.29 | 0.30
OD4020-05MB | 6900 | 8 | 33 | 5 | 4 ~ 7 | 0.16 | 0.24
OD4020-05LB | 6200 | 7 | 30 | 5 | 4 ~ 7 | 0.14 | 0.19
OD4020-12HB | 7800 | 9 | 36 | 12 | 7 ~ 14 | 0.10 | 0.30
OD4020-12MB | 6900 | 8 | 33 | 12 | 7 ~ 14 | 0.08 | 0.24
OD4020-12LB | 6200 | 7 | 30 | 12 | 7 ~ 14 | 0.07 | 0.19
OD4020-24HB | 7800 | 9 | 36 | 24 | 10 ~ 27 | 0.09 | 0.30
OD4020-24MB | 6900 | 8 | 33 | 24 | 10 ~ 27 | 0.07 | 0.24
OD4020-24LB | 6200 | 7 | 30 | 24 | 10 ~ 27 | 0.06 | 0.19

To indicate sleeve bearing replace “B” suffix with “S” in part number (30,000 hrs life expectancy)
To indicate sealed sleeve bearing replace “B” with “SS” in part number (50,000 hrs life expectancy)