



**SIZE :**

80x80x15mm (3.15"x3.15"x0.59")

**CONSTRUCTION :**

Glass fiber reinforced plastic:

Impeller and housing PBT are UL 94V-0 rating

**OPERATING TEMPERATURE :**

Ball bearing - 30°C to + 75°C

Sleeve bearing - 10°C to + 70°C

**INSULATION RESISTANCE :**

10meg Ohm min. at 500 VDC

(between frame and terminal)

**DIELECTRIC STRENGTH :**

5mA max. at 500 VAC 60Hz one minute

(between frame and terminal)

**FUNCTION :**

auto-restart option

frequency generator signal option

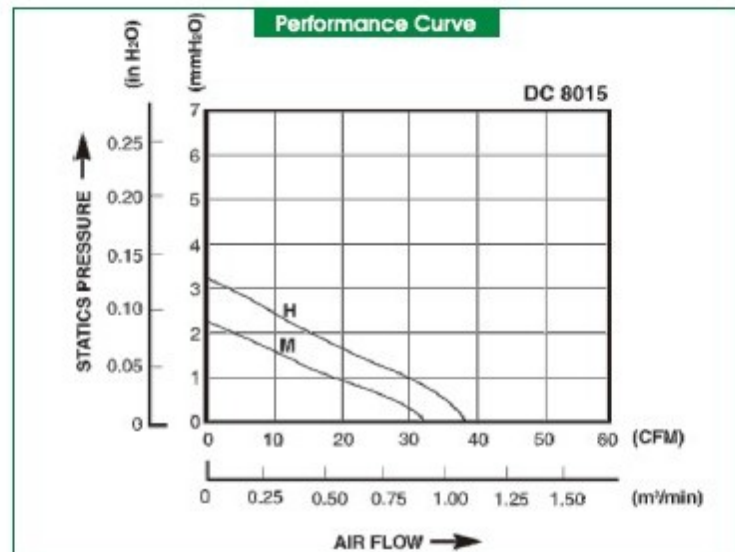
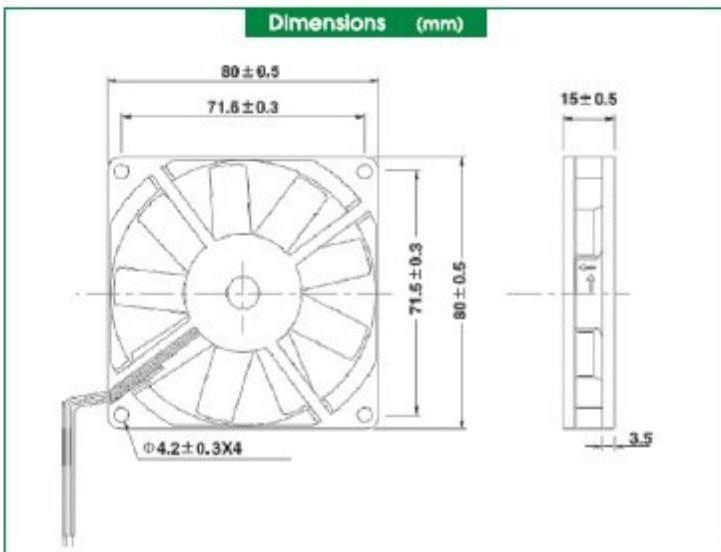
**WEIGHT :**

59 grams

**Specifications**

Specifications are subject to change without notice

| MODEL NO.  | BEARING | RATED VOLTAGE | OPERATING VOLTAGE RANGE | RATED CURRENT | RATED INPUT POWER | SPEED R.P.M. | MAX. AIR FLOW       |      | MAX. AIR PRESSURE  |                     | NOISE dB-A |
|------------|---------|---------------|-------------------------|---------------|-------------------|--------------|---------------------|------|--------------------|---------------------|------------|
|            |         | VDC           | V                       | A             | W                 |              | m <sup>3</sup> /min | CFM  | mmH <sub>2</sub> O | IN H <sub>2</sub> O |            |
| BP801512L  | Ball    | 12            | 10.2~13.8               | 0.15          | 1.80              | 2000         | 0.7                 | 25.5 | 1.5                | 0.1                 | 23         |
| SP801512L  | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801512M  | Ball    | 12            | 10.2~13.8               | 0.22          | 2.64              | 2500         | 0.9                 | 32.0 | 2.3                | 0.1                 | 31         |
| SP801512M  | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801512H  | Ball    | 12            | 10.2~13.8               | 0.27          | 3.24              | 3000         | 1.1                 | 39.0 | 3.2                | 0.1                 | 35         |
| SP801512H  | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801512HL | Ball    | 12            | 10.2~13.8               | 0.35          | 4.20              | 3500         | 1.3                 | 45.0 | 4.4                | 0.2                 | 40         |
| SP801512HL | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801512HM | Ball    | 12            | 10.2~13.8               | 0.45          | 5.40              | 4000         | 1.4                 | 51.0 | 5.5                | 0.2                 | 42         |
| SP801512HM | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801524M  | Ball    | 24            | 20.4~27.6               | 0.12          | 2.88              | 2500         | 0.9                 | 32.0 | 2.3                | 0.1                 | 31         |
| SP801524M  | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801524H  | Ball    | 24            | 20.4~27.6               | 0.14          | 3.36              | 3000         | 1.1                 | 39.0 | 3.2                | 0.1                 | 35         |
| SP801524H  | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |
| BP801524HL | Ball    | 24            | 20.4~27.6               | 0.18          | 4.32              | 3500         | 1.3                 | 45.0 | 4.4                | 0.2                 | 40         |
| SP801524HL | Sleeve  |               |                         |               |                   |              |                     |      |                    |                     |            |



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