

Print page



·DC· SD5015PT



# 50x50x15mm / 2x0.6inch

## 17.5~11 CFM

Plastic Impeller

| Model No       | Rated Volt VDC | Voltage Range VDC | Input Power Watt | Rated Current Amp | Ref. Speed RPM | Max.Airflow CFM | m3/min | Max.Static Pressure Inch/H2O | mm   | Noise Level db(A) | PQ Curves | UL                                  |
|----------------|----------------|-------------------|------------------|-------------------|----------------|-----------------|--------|------------------------------|------|-------------------|-----------|-------------------------------------|
| SD5015PT-05H   | 5              | 4~7               | 0.7              | 0.13              | 6000           | 15              | 0.4    | 0.21                         | 5.33 | 32                | 2         | <input checked="" type="checkbox"/> |
| SD5015PT-05M   | 5              | 4~7               | 0.5              | 0.10              | 4800           | 12              | 0.3    | 0.18                         | 4.57 | 28                | 4         | <input checked="" type="checkbox"/> |
| SD5015PT-05L   | 5              | 4~7               | 0.4              | 0.08              | 4200           | 11              | 0.3    | 0.16                         | 4.06 | 25                | 5         | <input checked="" type="checkbox"/> |
| SD5015PT-12HHH | 12             | 8~13.8            | 2.4              | 0.2               | 7000           | 17.5            | 0.5    | 0.25                         | 6.35 | 36                | 1         | <input checked="" type="checkbox"/> |
| SD5015PT-12HH  | 12             | 8~13.8            | 1.8              | 0.15              | 6000           | 15              | 0.4    | 0.21                         | 5.33 | 32                | 2         | <input checked="" type="checkbox"/> |
| SD5015PT-12H   | 12             | 8~13.8            | 1.1              | 0.09              | 5500           | 14              | 0.4    | 0.20                         | 5.08 | 31                | 3         | <input checked="" type="checkbox"/> |
| SD5015PT-12M   | 12             | 8~13.8            | 0.9              | 0.07              | 5000           | 12              | 0.3    | 0.18                         | 4.57 | 28                | 4         | <input checked="" type="checkbox"/> |
| SD5015PT-12L   | 12             | 8~14              | 0.8              | 0.06              | 4300           | 11              | 0.3    | 0.16                         | 4.06 | 25                | 5         | <input checked="" type="checkbox"/> |
| SD5015PT-24SH  | 24             | 12~27.6           | 2.4              | 0.1               | 7000           | 17.5            | 0.5    | 0.25                         | 6.35 | 36                | 1         | <input checked="" type="checkbox"/> |
| SD5015PT-24HHH | 24             | 12~27.6           | 1.92             | 0.08              | 6000           | 15              | 0.4    | 0.21                         | 5.33 | 32                | 2         | <input checked="" type="checkbox"/> |
| SD5015PT-24H   | 24             | 12~27.6           | 1.5              | 0.06              | 5500           | 14              | 0.4    | 0.20                         | 5.08 | 31                | 3         | <input checked="" type="checkbox"/> |
| SD5015PT-24M   | 24             | 12~27.6           | 1.2              | 0.05              | 5000           | 12              | 0.3    | 0.18                         | 4.57 | 28                | 4         | <input checked="" type="checkbox"/> |
| SD5015PT-24L   | 24             | 12~28             | 1                | 0.04              | 4500           | 11              | 0.3    | 0.16                         | 4.06 | 25                | 5         | <input checked="" type="checkbox"/> |
| SD5015PT-48H   | 48             | 24~55             | 1.9              | 0.04              | 5500           | 14              | 0.4    | 0.2                          | 5.08 | 31                | 3         | <input checked="" type="checkbox"/> |

- \*\* = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

### Motor

Motor Type: Brushless DC Motor, auto cutoff auto restart optional only

Burnout Protection: Electronically protected, polarity protected

IP Protection: IP55, IP67 (Optional)

### Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0(PT)

Impeller: 7 blades, glass fiber reinforced plastic, rated UL94V-0

Bearing: Two ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead or terminal flat pin connecting

Weight: 27g (0.06Lbs)

### Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA

Speed Control: On request

Signal Output: Optional:R/D alarm output, tachometer output

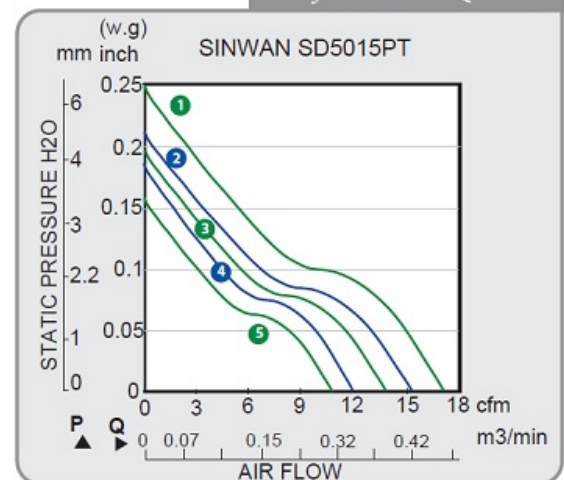
### Environment

Operating Temp: -20C~+65C

Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 - B:70K hours at 40C / Y:50K hours at 40C

### Performance P-Q Curves



Nomenclature

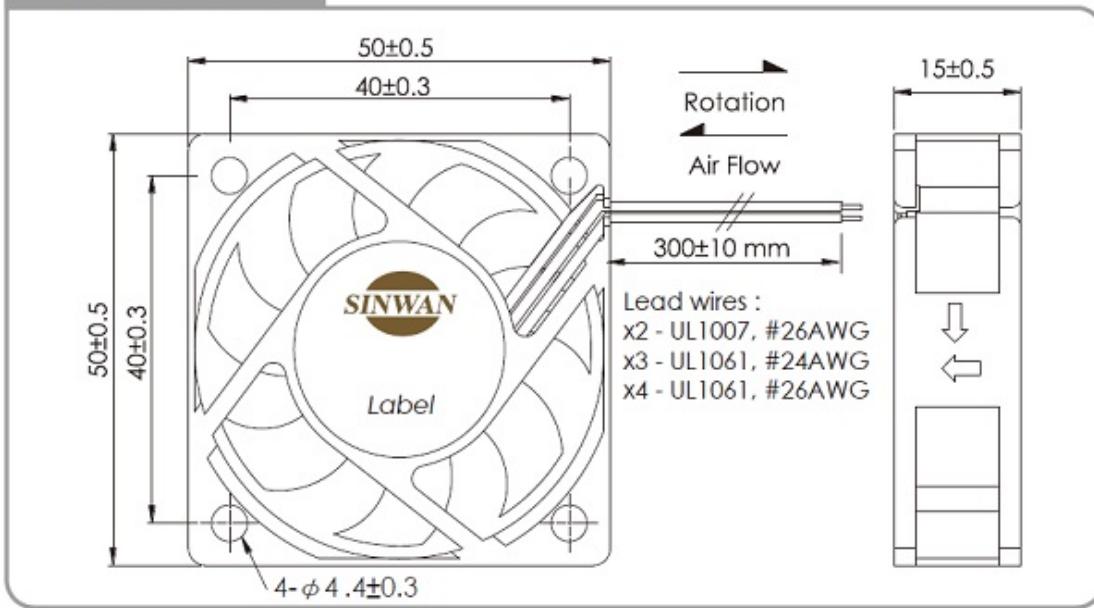


R/D Alarm



F/G Tach

▶ Outline Dimensions



Relevant products

