# Yichang Catr E-Business Co., Ltd.

宜昌科特尔电子商务有限公司

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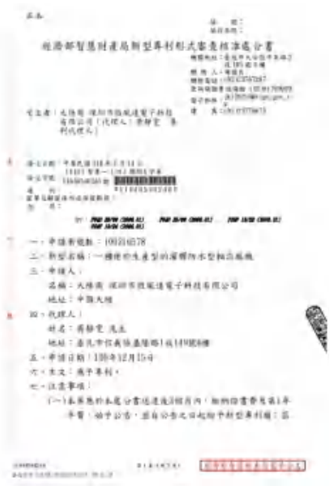
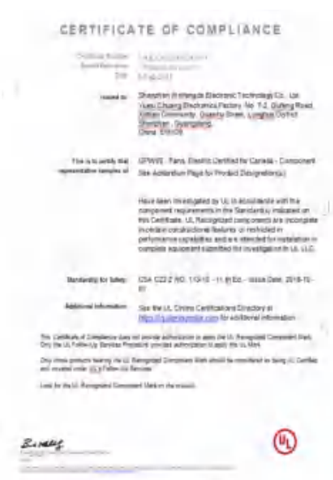
Yichang Catr E-Business Co.,Ltd. wasestablishedin 2018, located in Room 202, unit 2, building A3, Qingjiangmall, Yidu, YichangHuBei, CHINA, 443300,is a leading supplier of industrial automation products company.

The company cooperated with the strength manufacturers, and they passed the ISO9001: quality management system certification, ISO14001: environmental management system standards, and have all kinds of R&D equipment and testing equipment are industry leading equipments.

The products include high-end brushless fans, coolingfans, EC fans, DC blowers, microfans, DC blowers, waterprooffans, axialflow, centrifugal, backward-tilting brushless motors, etc.





COMPANY
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## 行业领先设备

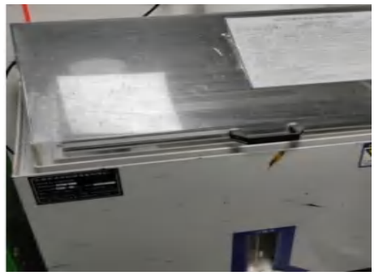
Sampledisplayarea

Sampleroom

Windtunneltester

Energydispersive X-ray fluorescencespectrometer

Constanttemperature and humidity chamber



Saltspray testingmachine

Fannoise test chamber

Fan aging test bench

Assembly line

Fully automatic winding machine

Automatic welding machine

Claw type dynamic balancing machine

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# DC Axial Fan
# DC 轴流风扇


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# SFD-FB 2510 CE RS

## 25mm DC FAN

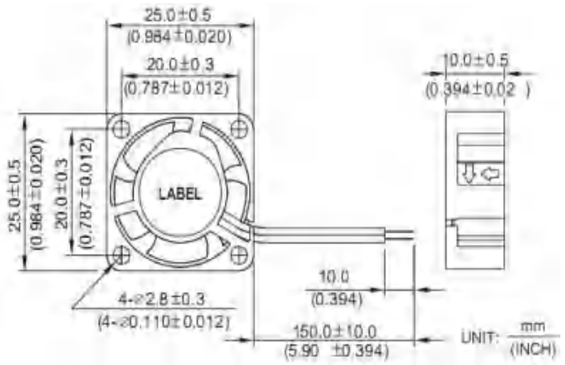
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-AB2512MA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

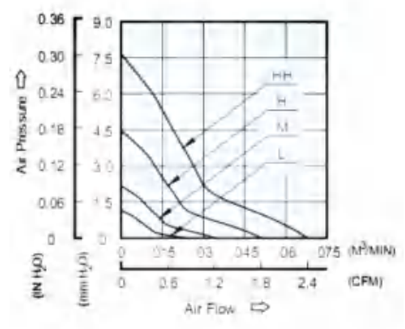
### 25 X 25 X 10mm (Mass:8.6g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB2505LA | 5 | 4~6 | 0.06 | 0.3 | 5200 | 0.025 | 0.92 | 1.24 | 0.054 | 18.5 |
| SFD-FB2505MA | | | 0.09 | 0.45 | 7200 | 0.036 | 1.33 | 2.94 | 0.106 | 20 |
| SFD-FB2505HA | | | 0.13 | 0.65 | 10000 | 0.05 | 1.8 | 4.45 | 0.174 | 23.5 |
| SFD-FB2505LHHA | | | 0.2 | 1.0 | 13000 | 0.066 | 2.35 | 7.62 | 0.298 | 28 |
| SFD-FB2512LA | 12 | 9~13 | 0.04 | 0.48 | 5200 | 0.025 | 0.92 | 1.24 | 0.054 | 18.5 |
| SFD-FB2512MA | | | 0.06 | 0.72 | 7200 | 0.036 | 1.33 | 2.94 | 0.106 | 20 |
| SFD-FB2512HA | | | 0.08 | 0.96 | 10000 | 0.05 | 1.8 | 4.45 | 0.174 | 23.5 |
| SFD-FB2512LHHA | | | 0.1 | 1.2 | 13000 | 0.066 | 2.35 | 7.62 | 0.298 | 28 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**



# SFD-FB 3010 CE RS

## 30mm DC FAN

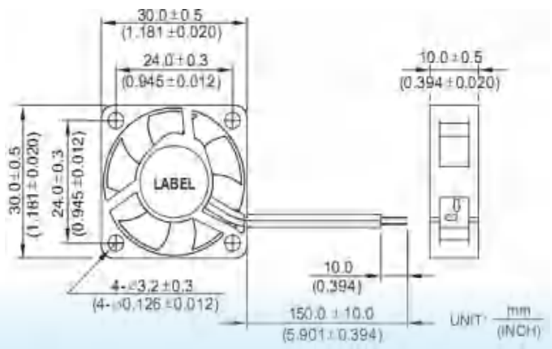
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0312HA- B R 1
1 = Waterproof level:0=no,1=IP55,2=IP68
R = Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B = Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

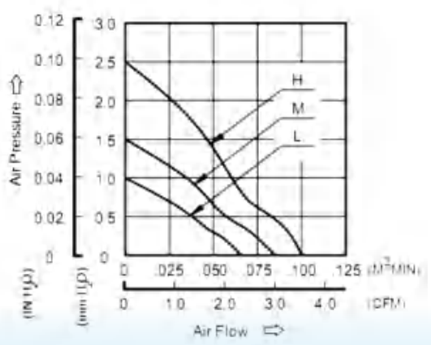
### 30 X 30 X 10mm (Mass:10.6g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0305LA | 5 | 4~6 | 0.08 | 0.4 | 6000 | 0.067 | 2.36 | 1.02 | 0.042 | 17.5 |
| SFD-FB0305MA | | | 0.13 | 0.6 | 8000 | 0.089 | 3.18 | 1.63 | 0.073 | 21 |
| SFD-FB0305HA | | | 0.2 | 1.0 | 10000 | 0.11 | 3.65 | 2.62 | 0.115 | 25.5 |
| SFD-FB0312LA | 12 | 9~13 | 0.04 | 0.48 | 6000 | 0.067 | 2.36 | 1.02 | 0.042 | 17.5 |
| SFD-FB0312MA | | | 0.08 | 0.72 | 8000 | 0.089 | 3.18 | 1.63 | 0.073 | 21 |
| SFD-FB0312HA | | | 0.1 | 0.96 | 10000 | 0.11 | 3.65 | 2.62 | 0.115 | 25.5 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB 3628-B CE RS

## 36mm DC FAN

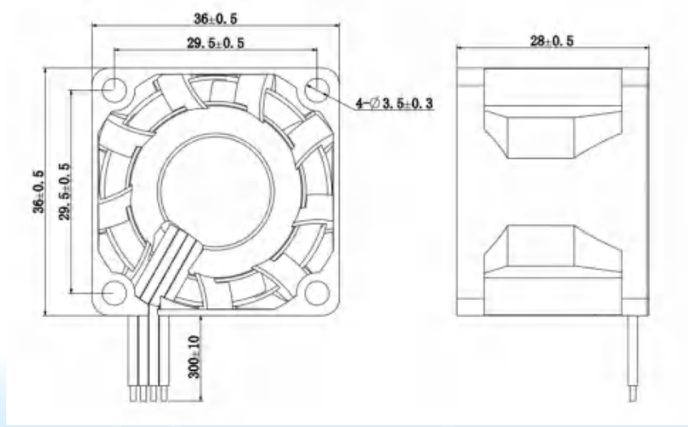
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1430 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Life time ----------50000 Hours Ball bearing
Part Numbering System
SFD-FB3612UHN-B B R 1
1 = Waterproof level:0=no,1=IP55,2=IP68
R = Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B = Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 36 X 36 X 28mm (Mass:54g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | PA | IN H2O | dB-A |
| SFD-FB3612UHN-B | 12 | 9.5~13.2 | 1.2 | 14.4 | 28500 | 0.57 | 20.4 | 1000 | 4.01 | 64.5 |
| SFD-FB3612ZHN-B | 12 | | 1.7 | 20.4 | 32500 | 0.72 | 25.4 | 1400 | 5.62 | 67.5 |
| SFD-FB3612XHN-B | 12 | | 2.4 | 28.8 | 36500 | 0.86 | 30.5 | 1900 | 7.63 | 70.5 |
| SFD-FB3624UHN-B | 24 | 9.5~13.2 | 0.6 | 14.4 | 28500 | 0.57 | 20.4 | 1000 | 4.01 | 64.5 |
| SFD-FB3624ZHN-B | 24 | | 0.85 | 20.4 | 32500 | 0.72 | 25.4 | 1400 | 5.62 | 67.5 |
| SFD-FB3624XHN-B | 24 | | 1.2 | 28.8 | 36500 | 0.86 | 30.5 | 1900 | 7.63 | 70.5 |

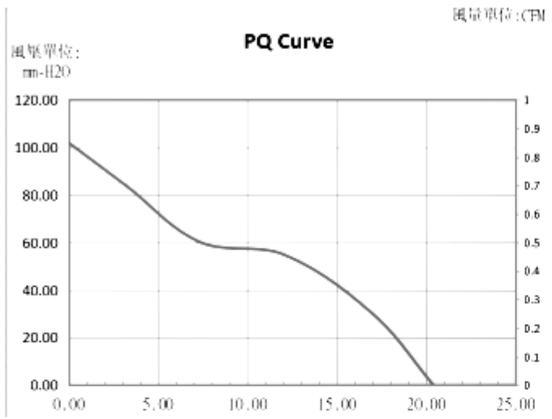
• **Dimensions(unit:mm\inch)**



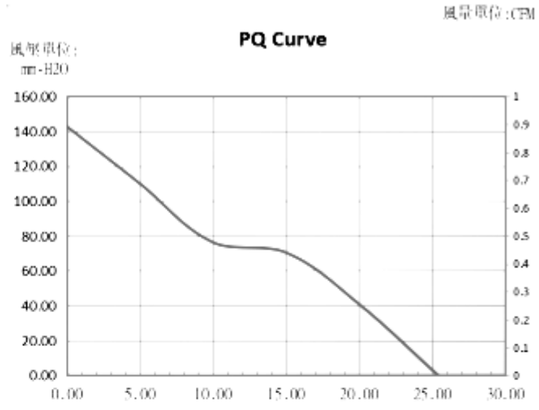
# SFD-FB 3628-B CE RS

**•Air Flow-Static Pressure Characteristics**

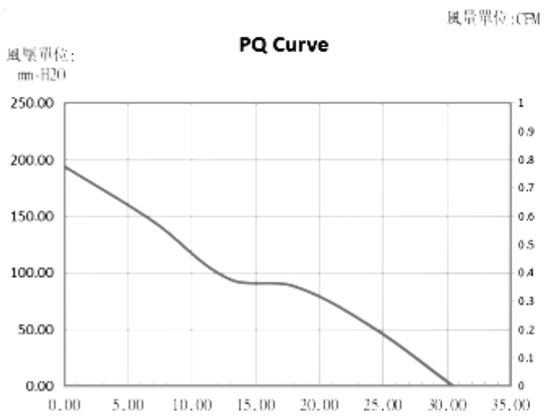
SFD-3628-UHN-B




SFD-3628-ZHN-B




SFD-3628-XHN-B






# SFD-FB 3828-A CE RS

## 38mm DC FAN

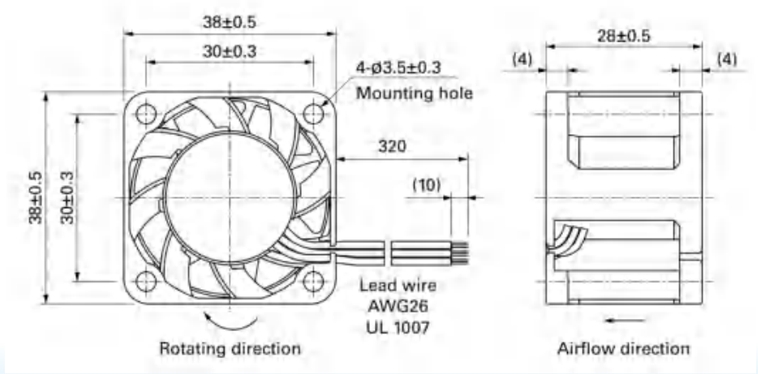
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB3828GHN- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 38 X 38 X 28mm (Mass:48g)

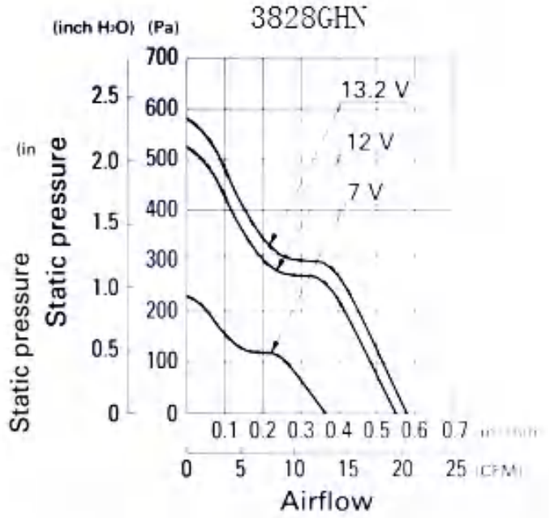
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB3812SHN | 12 | 9.5~13.2 | 0.35 | 4.2 | 14000 | 0.4 | 14.08 | 28.04 | 1.104 | 52 |
| SFD-FB3812GHN | | | 0.75 | 9.0 | 19000 | 0.55 | 19.36 | 53.34 | 2.1 | 58 |
| SFD-FB3812UHN | | | 1.3 | 15.6 | 24000 | 0.69 | 24.29 | 85.3 | 3.36 | 66 |
| SFD-FB3824SHN | 24 | 13.5~26 | 0.175 | 4.2 | 14000 | 0.4 | 14.08 | 28.04 | 1.104 | 52 |
| SFD-FB3824GHN | | | 0.375 | 9.0 | 19000 | 0.55 | 19.36 | 53.34 | 2.1 | 58 |
| SFD-FB3824UHN | | | 0.55 | 15.6 | 24000 | 0.69 | 24.29 | 85.3 | 3.36 | 66 |

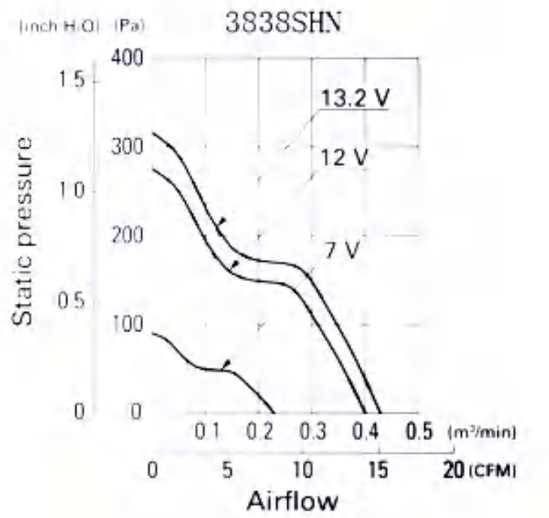
**• Dimensions(unit:mm\inch)**



# SFD-FB 3828-A CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-FB 4010 CE RS

## 40mm DC FAN

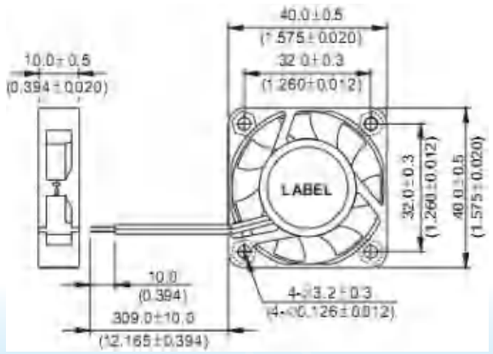
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#28 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HA- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

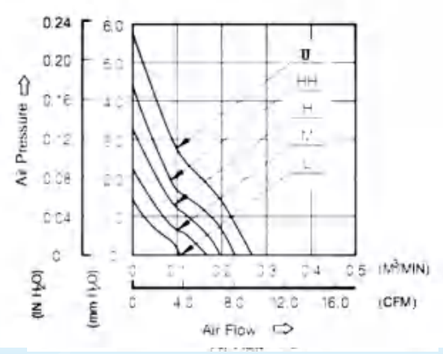
### 40 X 40 X 10mm (Mass:15g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0405LA | 5 | 4.5~5.5 | 0.07 | 0.35 | 3800 | 0.102 | 3.68 | 1.41 | 0.054 | 20.5 |
| SFD-FB0405MA | | | 0.10 | 0.50 | 4800 | 0.164 | 5.84 | 2.22 | 0.084 | 24.5 |
| SFD-FB0405HA | | | 0.13 | 0.65 | 5800 | 0.192 | 6.88 | 3.23 | 0.124 | 27.5 |
| SFD-FB0405HHA | | | 0.19 | 0.95 | 6800 | 0.224 | 8.01 | 4.38 | 0.170 | 31.5 |
| SFD-FB0412LA | 12 | 7.2~135 | 0.05 | 0.36 | 3800 | 0.102 | 3.68 | 1.41 | 0.054 | 20.5 |
| SFD-FB0412MA | | | 0.06 | 0.60 | 4800 | 0.164 | 5.84 | 2.22 | 0.084 | 24.5 |
| SFD-FB0412HA | | | 0.08 | 0.96 | 5800 | 0.192 | 6.88 | 3.23 | 0.124 | 27.5 |
| SFD-FB0412HHA | | | 0.10 | 1.2 | 6800 | 0.224 | 8.01 | 4.38 | 0.170 | 31.5 |
| SFD-FB0412UA | | | 0.16 | 1.92 | 8000 | 0.262 | 9.32 | 5.71 | 0.221 | 38.5 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



# SFD-FB 4015 CE RS

## 40mm DC FAN

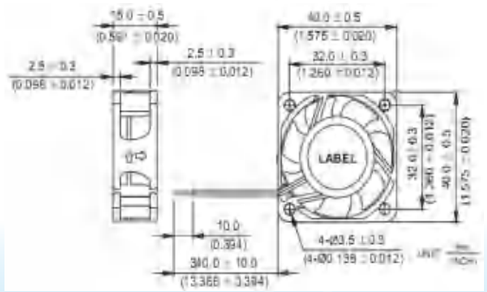
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor)Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HB- B R 1
1=Waterproof level:0=no,1=IP55,2=IP68
R=Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B=Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

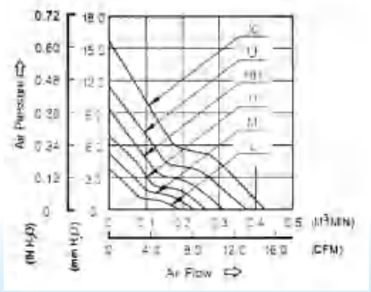
### 40 X 40 X 15mm (Mass:24g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412LB | 12 | 7~13.2 | 0.06 | 0.72 | 4900 | 0.181 | 6.42 | 3.62 | 0.141 | 19 |
| SFD-FB0412MB | | | 0.09 | 1.08 | 5900 | 0.220 | 8.08 | 5.09 | 0.198 | 25.5 |
| SFD-FB0412HB | | | 0.10 | 1.2 | 6900 | 0.263 | 9.38 | 6.86 | 0.268 | 29 |
| SFD-FB0412HHB | | | 0.13 | 1.56 | 8200 | 0.316 | 11.28 | 9.08 | 0.351 | 32.5 |
| SFD-FB0412UB | | | 0.16 | 1.92 | 9300 | 0.360 | 12.89 | 11.52 | 0.453 | 37.5 |
| SFD-FB0412XB | | | 0.25 | 3.00 | 10500 | 0.411 | 14.65 | 14.98 | 0.592 | 42.5 |
| SFD-FB0424LB | 24 | 14.5~26.5 | 0.05 | 1.20 | 4900 | 0.181 | 6.42 | 3.62 | 0.141 | 19 |
| SFD-FB0424MB | | | 0.06 | 1.44 | 5900 | 0.220 | 8.08 | 5.09 | 0.198 | 25.5 |
| SFD-FB0424HB | | | 0.08 | 1.92 | 6900 | 0.263 | 9.38 | 6.86 | 0.268 | 29 |
| SFD-FB0424HHB | | | 0.09 | 2.16 | 8200 | 0.316 | 11.28 | 9.08 | 0.351 | 32.5 |
| SFD-FB0424UB | | | 0.1 | 2.40 | 9300 | 0.360 | 12.89 | 11.52 | 0.453 | 37.5 |
| SFD-FB0424XB | | | 0.12 | 2.88 | 10500 | 0.411 | 14.65 | 14.98 | 0.592 | 42.5 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB 4015-A CE RS

## 40mm DC FAN

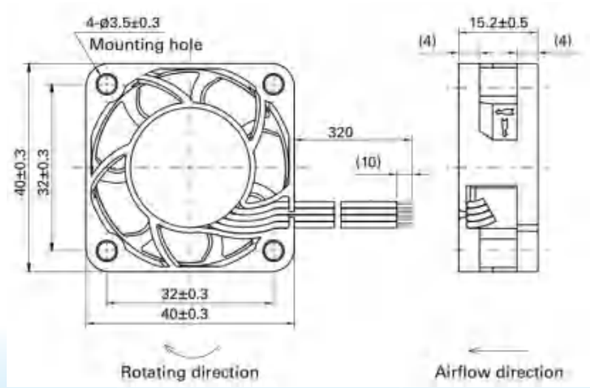
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1430 AWG#26 OR Equivalent
Storage Temperatur--- -25℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412GHD-B- B R 1
1=Waterproof level:0=no,1=IP55,2=IP68
R=Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B=Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 40 X 40 X 15mm (Mass:28g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0405GHB-A | 5 | 4.5~5.6 | 0.14 | 0.72 | 7300 | 0.2 | 7.1 | 59.6 | 0.24 | 28 |
| SFD-FB0405UHB-A | | | 0.5 | 2.0 | 13100 | 0.36 | 12.7 | 192 | 0.77 | 42 |
| SFD-FB0412GHB-A | 12 | 7~13.2 | 0.06 | 0.72 | 7300 | 0.2 | 7.1 | 59.6 | 0.24 | 28 |
| SFD-FB0412UHB-A | | | 0.17 | 2.04 | 13100 | 0.36 | 12.7 | 192 | 0.77 | 42 |
| SFD-FB0424GHB-A | 24 | 14.5~26.5 | 0.03 | 0.72 | 7300 | 0.2 | 7.1 | 59.6 | 0.24 | 28 |
| SFD-FB0424UHB-A | | | 0.085 | 2.04 | 13100 | 0.36 | 12.7 | 192 | 0.77 | 42 |

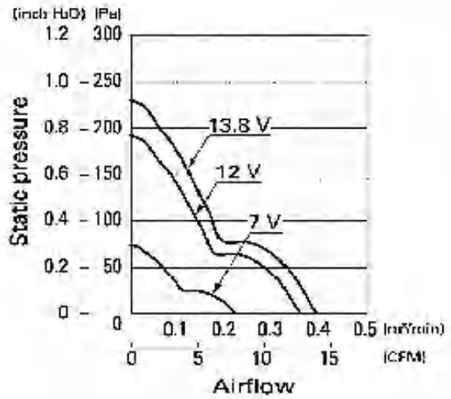
• **Dimensions(unit:mm\inch)**



# SFD-FB 4015-A CE RS

**•Air Flow-Static Pressure Characteristics**

**SFD-FB04-UHB-A**

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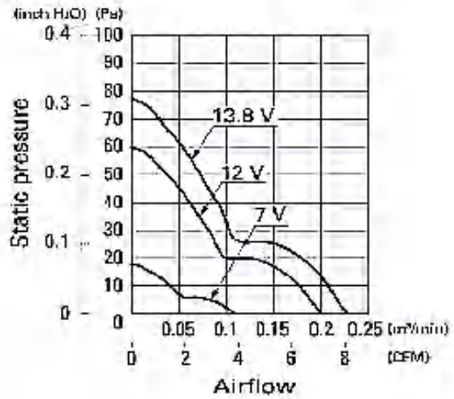
**SFD-FB04-GHB-A**






# SFD-FB 4020 CE RS

## 40mm DC FAN

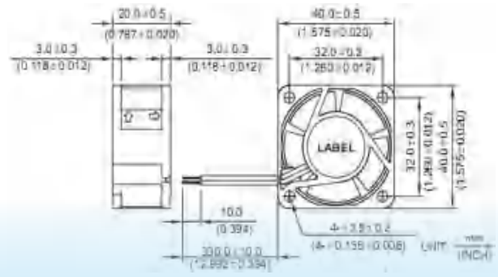
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412LD- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

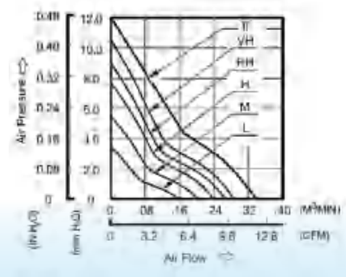
### 40 X 40 X 20mm (Mass:29g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0405LD | 5 | 4~6 | 0.10 | 0.50 | 4900 | 0.154 | 5.48 | 3.41 | 0.132 | 22.5 |
| SFD-FB0405MD | | | 0.15 | 0.75 | 6100 | 0.198 | 7.13 | 5.51 | 0.214 | 24.5 |
| SFD-FB0405HD | | | 0.25 | 1.25 | 7500 | 0.238 | 8.50 | 7.63 | 0.298 | 29 |
| SFD-FB0412LD | 12 | 7~13.2 | 0.05 | 0.60 | 4900 | 0.154 | 5.48 | 3.41 | 0.132 | 22.5 |
| SFD-FB0412MD | | | 0.06 | 0.72 | 6100 | 0.198 | 7.13 | 5.51 | 0.214 | 24.5 |
| SFD-FB0412HD | | | 0.08 | 0.96 | 7500 | 0.238 | 8.50 | 7.63 | 0.298 | 29 |
| SFD-FB0412HHD | | | 0.10 | 1.20 | 8100 | 0.264 | 9.39 | 8.94 | 0.349 | 31 |
| SFD-FB0412VHD | | | 0.12 | 1.44 | 8900 | 0.282 | 10.02 | 10.48 | 0.411 | 33.5 |
| SFD-FB0412UD | | | 0.31 | 3.72 | 10500 | 0.340 | 12.1 | 13.25 | 0.516 | 40.5 |
| SFD-FB0424LD | 24 | 14.5~26.5 | 0.05 | 1.20 | 4900 | 0.154 | 5.48 | 3.41 | 0.132 | 22.5 |
| SFD-FB0424MD | | | 0.06 | 1.44 | 6100 | 0.198 | 7.13 | 5.51 | 0.214 | 24.5 |
| SFD-FB0424HD | | | 0.08 | 1.92 | 7500 | 0.238 | 8.50 | 7.63 | 0.298 | 29 |
| SFD-FB0424HHD | | | 0.09 | 2.16 | 8100 | 0.264 | 9.39 | 8.94 | 0.349 | 31 |
| SFD-FB0424VHD | | | 0.1 | 2.40 | 8900 | 0.282 | 10.02 | 10.48 | 0.411 | 33.5 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



## 40mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor)Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412GHD-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

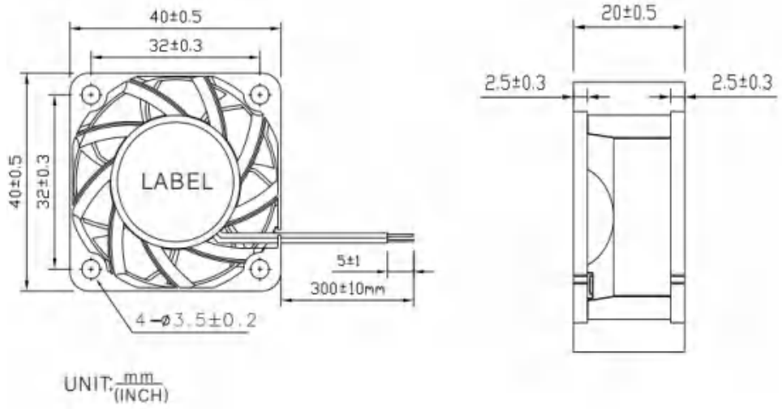
### 40 X 40 X 20mm (Mass:28g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412SHD-A | 12 | 7~13.2 | 0.42 | 5.04 | 12000 | 0.47 | 16.6 | 20.7 | 0.82 | 53.2 |
| SFD-FB0412GHD-A | | | 0.54 | 6.48 | 14000 | 0.56 | 19.6 | 27.1 | 1.07 | 54.2 |
| SFD-FB0412UHD-A | | | 0.66 | 7.92 | 16000 | 0.63 | 22.2 | 35.0 | 1.38 | 55.6 |
| SFD-FB0412XHD-A | | | 0.84 | 10.08 | 18000 | 0.71 | 24.8 | 43.8 | 1.73 | 58.0 |
| SFD-FB0412ZHD-A | | | 1.1 | 12.00 | 20000 | 0.84 | 29.5 | 59.2 | 2.33 | 59.5 |
| SFD-FB0424SHD-A | 24 | 14.5~26.5 | 0.21 | 5.04 | 12000 | 0.47 | 16.6 | 20.7 | 0.82 | 53.2 |
| SFD-FB0424GHD-A | | | 0.27 | 6.48 | 14000 | 0.56 | 19.6 | 27.1 | 1.07 | 54.2 |
| SFD-FB0424UHD-A | | | 0.33 | 7.92 | 16000 | 0.63 | 22.2 | 35.0 | 1.38 | 55.6 |
| SFD-FB0424XHD-A | | | 0.42 | 10.08 | 18000 | 0.71 | 24.8 | 43.8 | 1.73 | 58.0 |
| SFD-FB0424ZHD-A | | | 0.55 | 12.00 | 20000 | 0.84 | 29.5 | 59.2 | 2.33 | 59.5 |

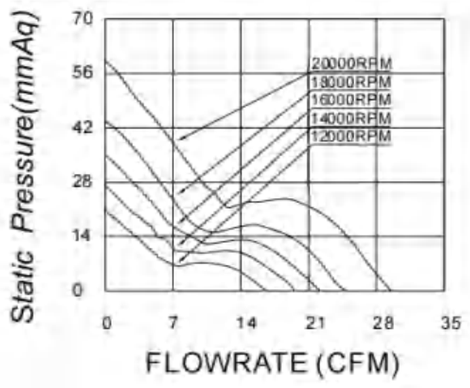


SFD-FB 4020-B CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**



## 40mm DC FAN

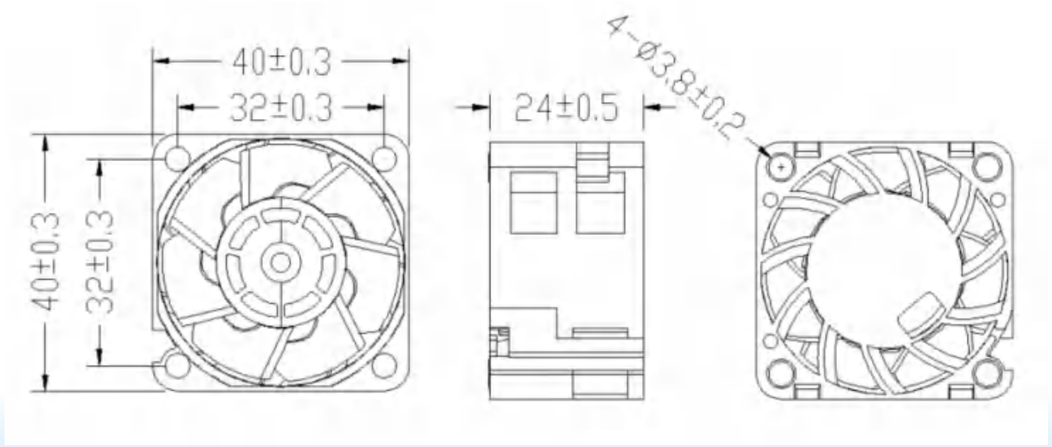
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HF-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**40 X 40 X 24mm (Mass:40g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412GHF-A | 12 | 8.5~13.7 | 0.56 | 6.72 | 14700 | 0.61 | 21.6 | 31.24 | 1.23 | 55.5 |
| SFD-FB0424GHF-A | 24 | 13.5~27 | 0.28 | 6.72 | 14700 | 0.61 | 21.6 | 31.24 | 1.23 | 55.5 |
| SFD-FB0424GHF-A | 48 | 36.5~60 | 0.14 | 6.72 | 14700 | 0.61 | 21.6 | 31.24 | 1.23 | 55.5 |

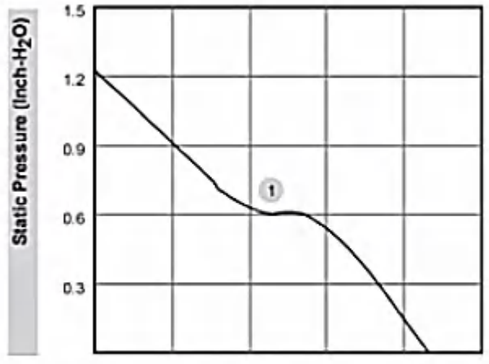
- **Dimensions(unit:mm\inch)**






SFD-FB 4024-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 40mm DC FAN

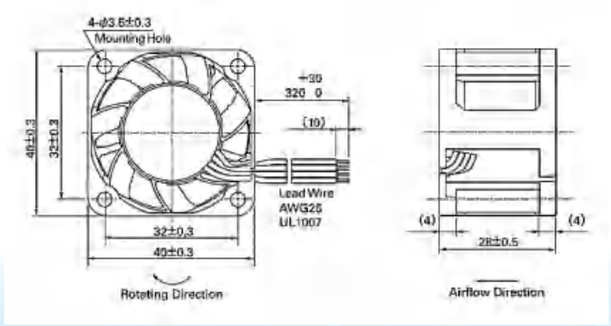
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HN- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 40 X 40 X 28mm (Mass:50g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412HHN | 12 | 9.5~13.2 | 0.24 | 2.88 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0412VHN | | | 0.29 | 3.48 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |
| SFD-FB0412SHN | | | 0.46 | 5.52 | 16500 | 0.61 | 21.5 | 45.9 | 1.81 | 53.5 |
| SFD-FB0412GHN | | | 0.6 | 7.2 | 18000 | 0.67 | 23.7 | 54.6 | 2.15 | 55 |
| SFD-FB0412UHN | | | 1.1 | 13.2 | 22000 | 0.81 | 28.6 | 81.5 | 3.21 | 61 |
| SFD-FB0424HHN | 24 | 13.5~26 | 0.24 | 2.88 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0424VHN | | | 0.29 | 3.48 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |
| SFD-FB0424SHN | | | 0.46 | 5.52 | 16500 | 0.61 | 21.5 | 45.9 | 1.81 | 53.5 |
| SFD-FB0424GHN | | | 0.6 | 7.2 | 18000 | 0.67 | 23.7 | 54.6 | 2.15 | 55 |
| SFD-FB0424UHN | | | 1.1 | 13.2 | 22000 | 0.81 | 28.6 | 81.5 | 3.21 | 61 |

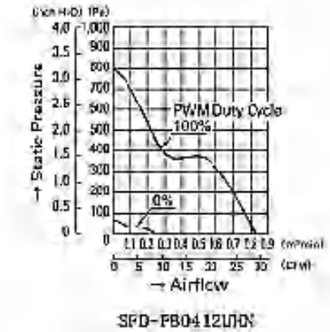
### • Dimensions(unit:mm\inch)

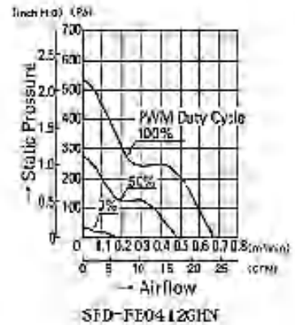


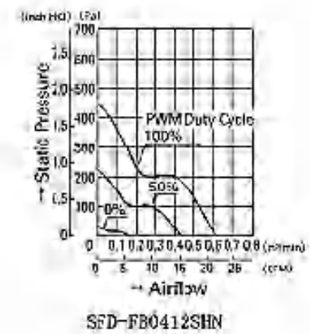


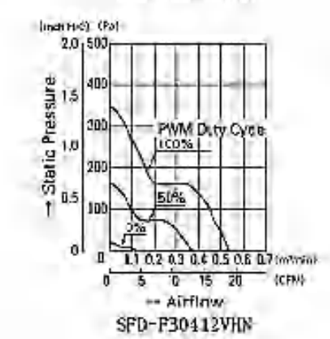

SFD-FB 4028-A CE RS

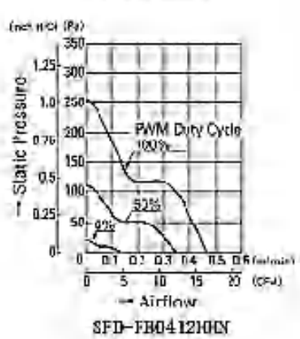
### •Air Flow-Static Pressure Characteristics



# SFD-FB 4028-B CE RS

## 40mm DC FAN

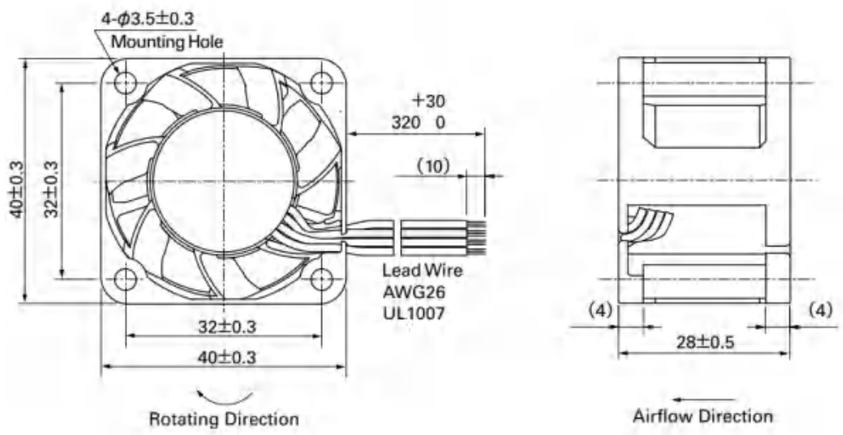
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412UHN- B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

**40 X 40 X 28mm (Mass:55g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412UHN | 12 | 7-13 | 1.9 | 22.8 | 30000 | 1.07 | 37.6 | 139..5 | 5.41 | 69 |
| SFD-FB0424HHN | 24 | 13.5~26 | 0.95 | 22.8 | 30000 | 1.07 | 37.6 | 139..5 | 5.41 | 69 |

- **Dimensions(unit:mm\inch)**






# SFD-FB 5215-A CE RS

## 52mm DC FAN

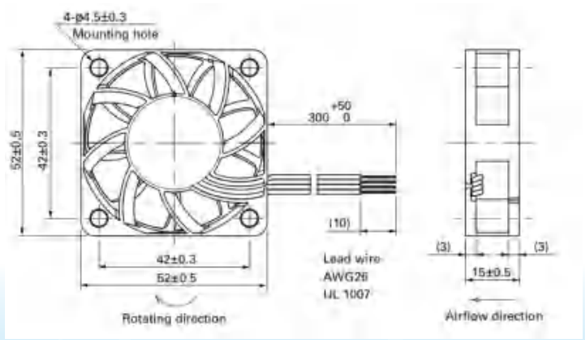
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0512MB-A B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

**52 X 52 X 15mm (Mass:36g)**

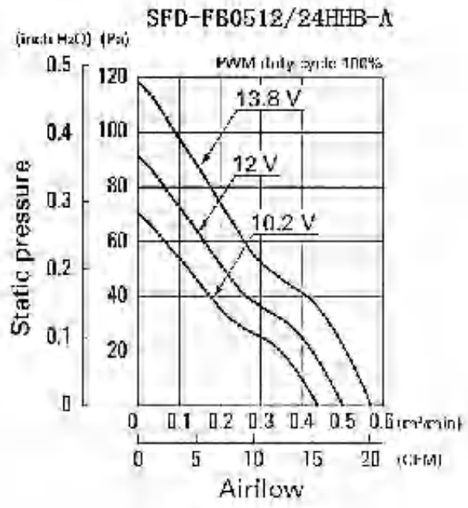
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0512LB-A | 12 | 7.5~13.2 | 0.04 | 0.48 | 3400 | 0.215 | 7.6 | 17 | 0.068 | 16 |
| SFD-FB0512MB-A | | | 0.05 | 0.6 | 4300 | 0.275 | 9.7 | 27.5 | 0.11 | 22 |
| SFD-FB0512HB-A | | | 0.08 | 0.96 | 6300 | 0.4 | 14.1 | 59 | 0.237 | 32 |
| SFD-FB0512HHB-A | | | 0.13 | 1.56 | 7800 | 0.5 | 17.7 | 91.5 | 0.367 | 38 |
| SFD-FB0512VHB-A | | | 0.28 | 3.36 | 10000 | 0.633 | 22.3 | 137.15 | 0.551 | 43 |
| SFD-FB0524LB-A | 24 | 14~26.2 | 0.02 | 0.48 | 3400 | 0.215 | 7.6 | 17 | 0.068 | 16 |
| SFD-FB0524MB-A | | | 0.025 | 0.6 | 4300 | 0.275 | 9.7 | 27.5 | 0.11 | 22 |
| SFD-FB0524HB-A | | | 0.04 | 0.96 | 6300 | 0.4 | 14.1 | 59 | 0.237 | 32 |
| SFD-FB0524HHB-A | | | 0.067 | 1.6 | 7800 | 0.5 | 17.7 | 91.5 | 0.367 | 38 |
| SFD-FB0524VHB-A | | | 0.14 | 3.36 | 10000 | 0.633 | 22.3 | 137.15 | 0.551 | 43 |

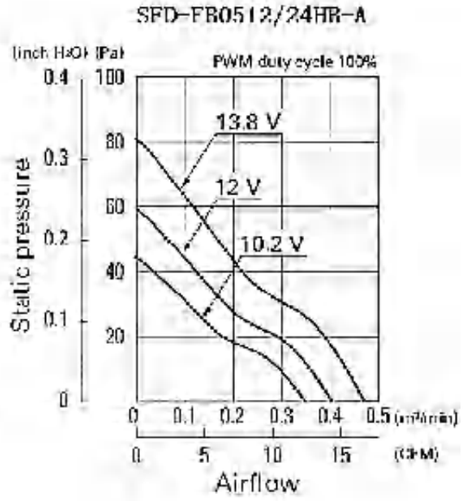
- **Dimensions(unit:mm\inch)**

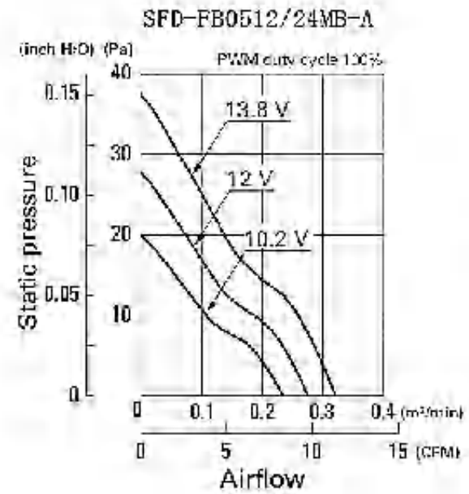


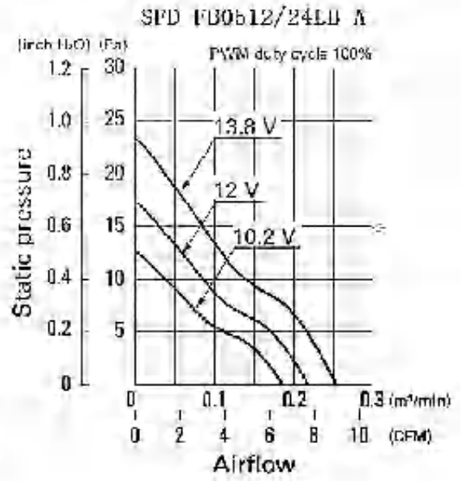
# SFD-FB 5215-A CE RS

**•Air Flow-Static Pressure Characteristics**






CATR Email：sales@catr.net Phone & WeChat：0086-15271920979

# SFD-FB 6015-A CE RS

## 60mm DC FAN

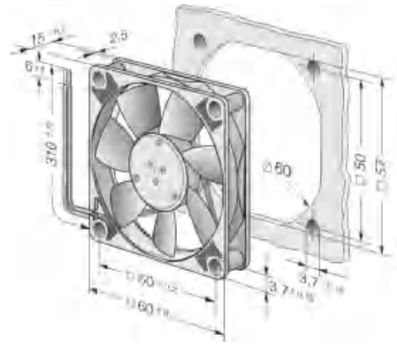
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612MB- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

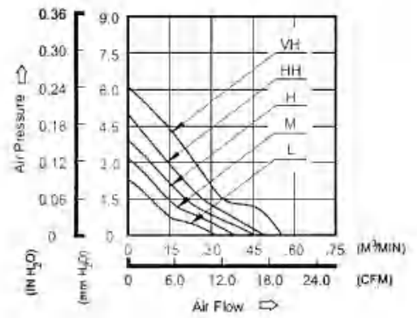
### 60 X 60 X 15mm (Mass:30g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB00612LB-A | 12 | 7.5~13.2 | 0.04 | 0.48 | 2650 | 0.31 | 11.15 | 11.68 | 0.047 | 16 |
| SFD-FB00612MB-A | | | 0.09 | 1.09 | 3900 | 0.48 | 17.01 | 24.1 | 0.097 | 27 |
| SFD-FB00612HB-A | | | 0.125 | 1.56 | 4500 | 0.55 | 19.36 | 30.3 | 0.122 | 31 |
| SFD-FB00612HHB-A | | | 0.18 | 2.16 | 5100 | 0.62 | 21.8 | 37.3 | 0.15 | 35 |
| SFD-FB00612VHB-A | | | 0.24 | 2.88 | 5700 | 0.69 | 24.2 | 52.27 | 0.21 | 39.5 |
| SFD-FB00624LB-A | 24 | 14~26.2 | 0.02 | 0.48 | 2650 | 0.31 | 11.15 | 11.68 | 0.047 | 16 |
| SFD-FB00624MB-A | | | 0.04 | 0.96 | 3900 | 0.48 | 17.01 | 24.1 | 0.097 | 27 |
| SFD-FB00624HB-A | | | 0.065 | 1.56 | 4500 | 0.55 | 19.36 | 30.3 | 0.122 | 31 |
| SFD-FB00624HHB-A | | | 0.09 | 2.16 | 5100 | 0.62 | 21.8 | 37.3 | 0.15 | 35 |
| SFD-FB00624VHB-A | | | 0.12 | 2.88 | 5700 | 0.69 | 24.2 | 52.27 | 0.21 | 39.5 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

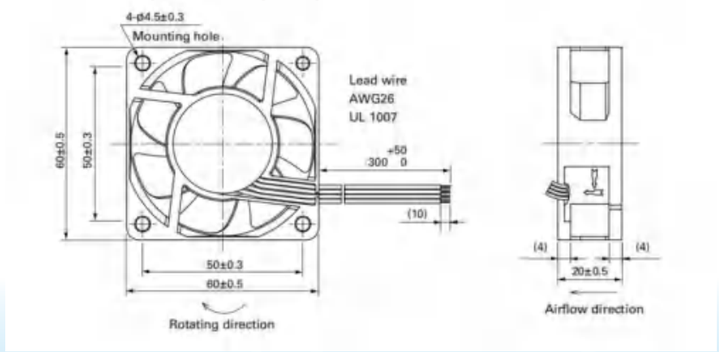
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612HHD-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 60X 60 X 20mm (Mass:68g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0612LD-A | 12 | 7.5~13.2 | 0.05 | 0.6 | 2700 | 0.34 | 12.0 | 20 | 0.08 | 18 |
| SFD-FB0612MD-A | | | 0.09 | 1.08 | 4100 | 0.52 | 18.4 | 45 | 0.18 | 29 |
| SFD-FB0612HD-A | | | 0.15 | 1.8 | 5500 | 0.7 | 24.7 | 81 | 0.33 | 36 |
| SFD-FB0612HHD-A | | | 0.26 | 3.12 | 6850 | 0.88 | 31.1 | 125 | 0.5 | 43 |
| SFD-FB0624LD-A | 24 | 14.5~27.5 | 0.025 | 0.6 | 2700 | 0.34 | 12.0 | 20 | 0.08 | 18 |
| SFD-FB0624MD-A | | | 0.045 | 1.08 | 4100 | 0.52 | 18.4 | 45 | 0.18 | 29 |
| SFD-FB0624HD-A | | | 0.075 | 1.8 | 5500 | 0.7 | 24.7 | 81 | 0.33 | 36 |
| SFD-FB0624HHD-A | | | 0.13 | 3.12 | 6850 | 0.88 | 31.1 | 125 | 0.5 | 43 |
| SFD-FB0648HD-A | 48 | 36~55.4 | 0.375 | 1.8 | 5500 | 0.7 | 24.7 | 81 | 0.33 | 36 |
| SFD-FB0648HHD-A | | | 0.065 | 3.12 | 6850 | 0.88 | 31.1 | 125 | 0.5 | 43 |

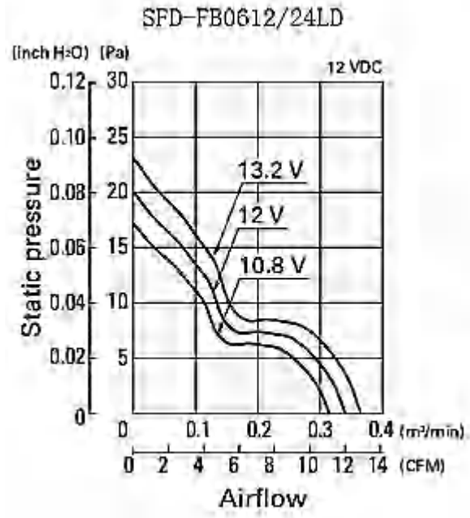
- **Dimensions(unit:mm\inch)**

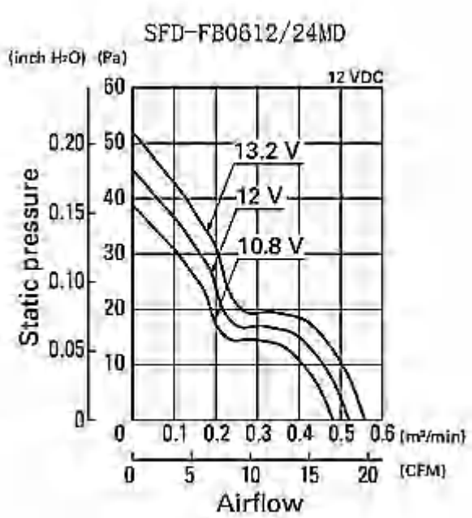


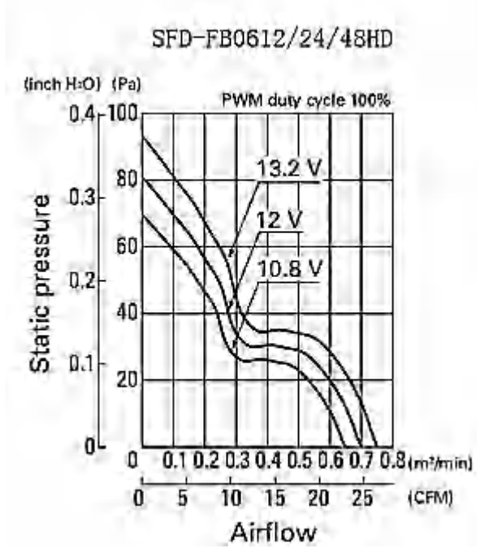


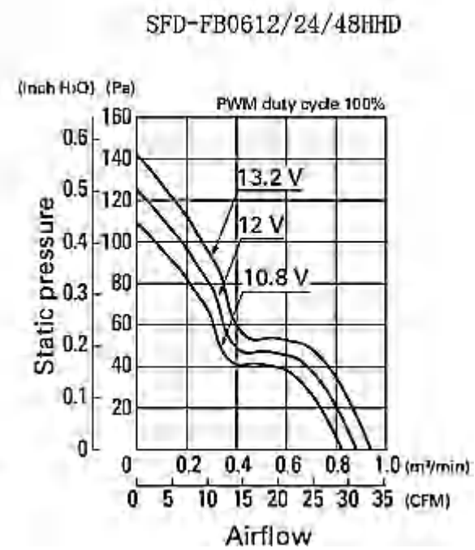

SFD-FB 6020-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

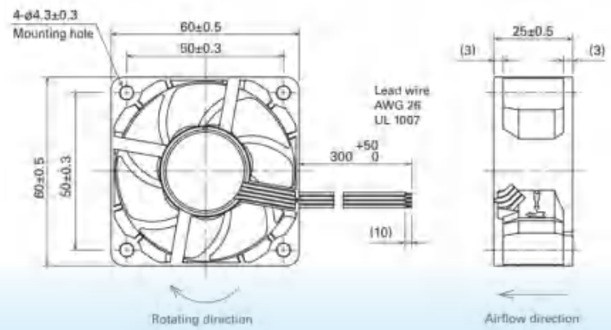
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612HH-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 60 X 60 X 25mm (Mass:65g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0612L-A | 12 | 7.5~13.2 | 0.04 | 0.5 | 1900 | 0.27 | 9.5 | 0.76 | 0.03 | 16 |
| SFD-FB0612M-A | | | 0.07 | 0.84 | 3800 | 0.54 | 19.1 | 3.3 | 0.13 | 26 |
| SFD-FB0612H-A | | | 0.1 | 1.2 | 4600 | 0.662 | 23.35 | 4.57 | 0.18 | 30 |
| SFD-FB0612HH-A | | | 0.15 | 1.8 | 5600 | 0.780 | 27.55 | 7.11 | 0.28 | 36 |
| SFD-FB0612VH-A | | | 0.35 | 4.2 | 7700 | 0.863 | 30.48 | 13.2 | 0.52 | 41 |
| SFD-FB0624L-A | 24 | 14.5~27.5 | 0.02 | 0.48 | 1900 | 0.27 | 9.5 | 0.76 | 0.03 | 16 |
| SFD-FB0624M-A | | | 0.035 | 0.84 | 3800 | 0.54 | 19.1 | 3.3 | 0.13 | 26 |
| SFD-FB0624H-A | | | 0.5 | 1.2 | 4600 | 0.662 | 23.35 | 4.57 | 0.18 | 30 |
| SFD-FB0624HH-A | | | 0.075 | 1.8 | 5600 | 0.780 | 27.55 | 7.11 | 0.28 | 36 |
| SFD-FB0624VH-A | | | 0.175 | 4.2 | 7700 | 0.863 | 30.48 | 13.2 | 0.52 | 41 |

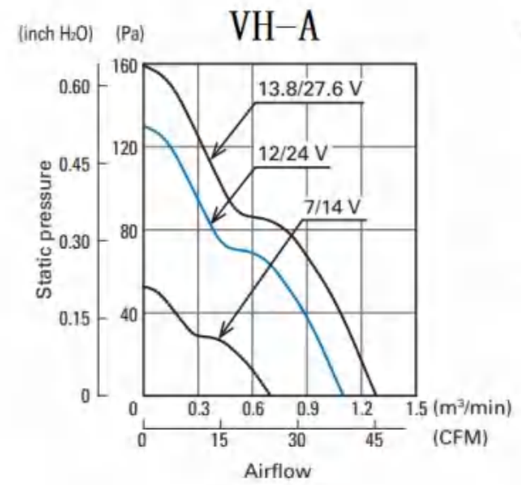
- **Dimensions(unit:mm\inch)**

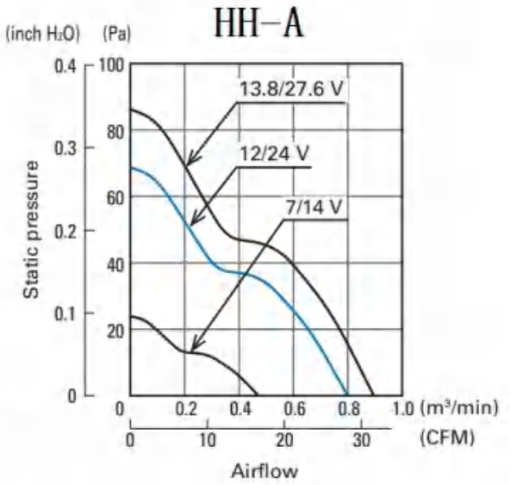


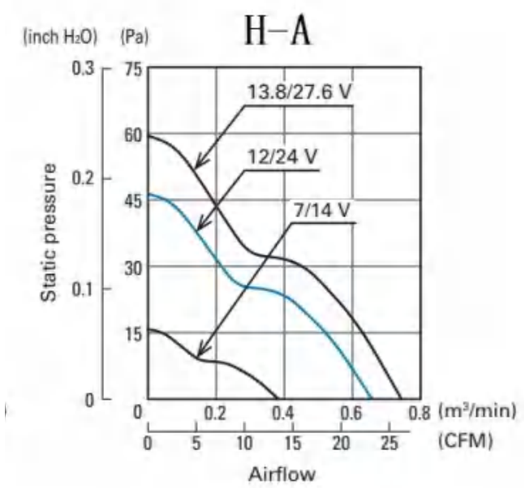


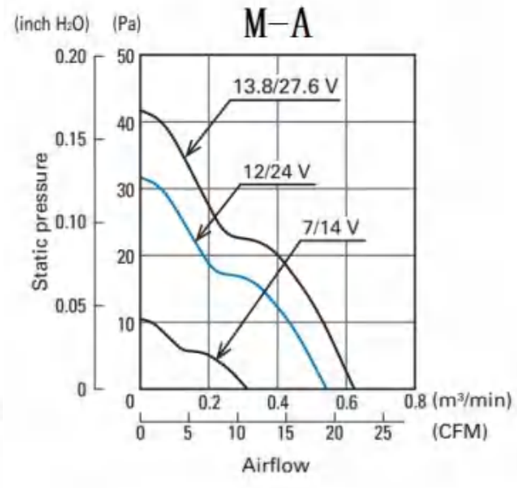

SFD-FB 6025-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

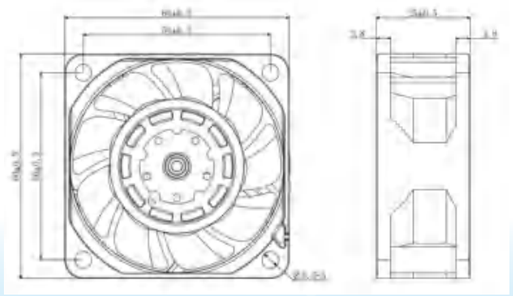
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612GH-C- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**60 X 60 X 25mm (Mass:98g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0612SH-C | 12 | 7.5~13.2 | 0.35 | 4.2 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0612GH-C | | | 0.5 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0612UH-C | | | 0.68 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0612XH-C | | | 1.1 | 13.2 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |
| SFD-FB0612SH-C | 24 | 13.5~26.2 | 0.175 | 4.2 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0612GH-C | | | 0.25 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0612UH-C | | | 0.34 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0612XH-C | | | 0.55 | 13.2 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |
| SFD-FB0612SH-C | 48 | 36~55.4 | 0.09 | 4.32 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0612GH-C | | | 0.125 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0612UH-C | | | 0.17 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0612XH-C | | | 0.28 | 13.4 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |

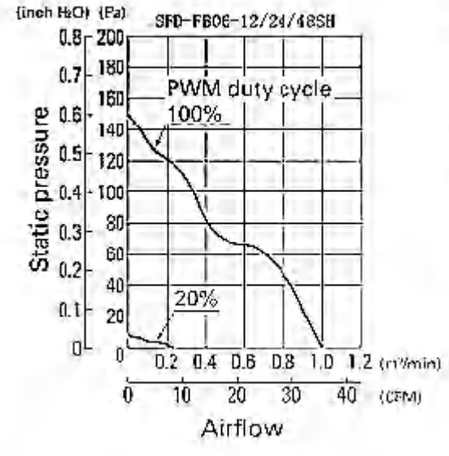
- **Dimensions(unit:mm\inch)**

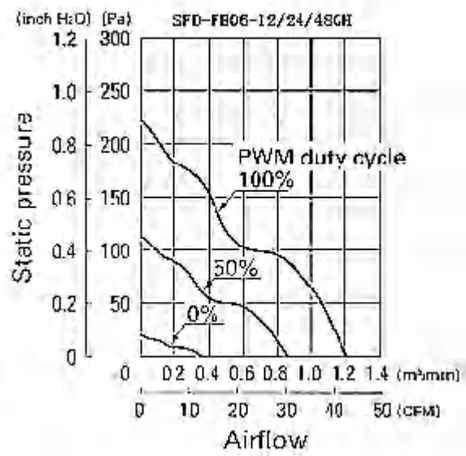


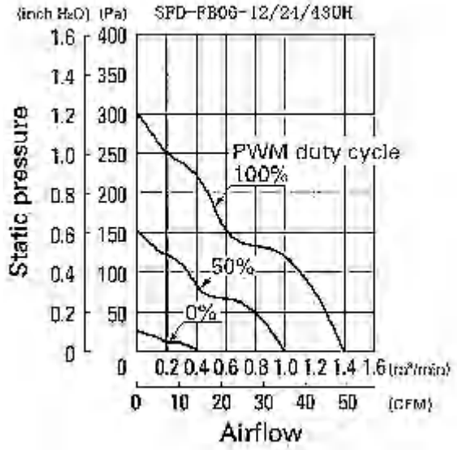


SFD-FB 6025-C CE RS

- **Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System

SFD-FB0612VHF-A B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

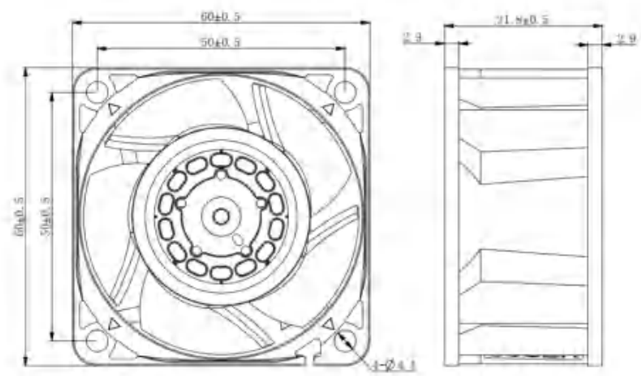
**60 X 60 X 32mm (Mass:130g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0612LF-A | 12 | 7.5~13.5 | 0.21 | 2.6 | 7000 | 0.92 | 32.67 | 12.67 | 0.49 | 45.0 |
| SFD-FB0612MF-A | 12 | | 0.29 | 3.5 | 8000 | 1.05 | 36.99 | 16.35 | 0.64 | 47.0 |
| SFD-FB0612HF-A | 12 | | 0.37 | 4.5 | 9000 | 1.16 | 41.18 | 20.62 | 0.81 | 49.0 |
| SFD-FB0612HHF-A | 12 | | 0.5 | 6.0 | 10000 | 1.28 | 45.37 | 24.95 | 0.98 | 51.0 |
| SFD-FB0612VHF-A | 12 | | 0.65 | 7.8 | 11000 | 1.42 | 50.05 | 30.17 | 1.18 | 53.0 |
| SFD-FB0612SHF-A | 12 | | 0.83 | 10.0 | 12000 | 1.54 | 54.42 | 35.52 | 1.39 | 55.0 |
| SFD-FB0612GHF-A | 12 | | 1.4 | 16.8 | 14500 | 1.86 | 65.61 | 1.45 | 51.03 | 61.5 |
| SFD-FB0624LF-A | 24 | 14.5~27.5 | 0.11 | 2.64 | 7000 | 0.92 | 32.67 | 12.67 | 0.49 | 45.0 |
| SFD-FB0624MF-A | 24 | | 0.14 | 3.6 | 8000 | 1.05 | 36.99 | 16.35 | 0.64 | 47.0 |
| SFD-FB0624HF-A | 24 | | 0.185 | 4.56 | 9000 | 1.16 | 41.18 | 20.62 | 0.81 | 49.0 |
| SFD-FB0624HHF-A | 24 | | 0.25 | 6.0 | 10000 | 1.28 | 45.37 | 24.95 | 0.98 | 51.0 |
| SFD-FB0624VHF-A | 24 | | 0.33 | 7.92 | 11000 | 1.42 | 50.05 | 30.17 | 1.18 | 53.0 |
| SFD-FB0624SHF-A | 24 | | 0.42 | 10.0 | 12000 | 1.54 | 54.42 | 35.52 | 1.39 | 55.0 |
| SFD-FB0624GHF-A | 24 | | 0.7 | 16.8 | 14500 | 1.86 | 65.61 | 1.45 | 51.03 | 61.5 |
| SFD-FB0648LF-A | 48 | 36.0~54.5 | 0.06 | 2.88 | 7000 | 0.92 | 32.67 | 12.67 | 0.49 | 45.0 |
| SFD-FB0648MF-A | 48 | | 0.072 | 3.45 | 8000 | 1.05 | 36.99 | 16.35 | 0.64 | 47.0 |
| SFD-FB0648HF-A | 48 | | 0.095 | 4.56 | 9000 | 1.16 | 41.18 | 20.62 | 0.81 | 49.0 |
| SFD-FB0648HHF-A | 48 | | 0.13 | 6.24 | 10000 | 1.28 | 45.37 | 24.95 | 0.98 | 51.0 |
| SFD-FB0648VHF-A | 48 | | 0.162 | 7.8 | 11000 | 1.42 | 50.05 | 30.17 | 1.18 | 53.0 |
| SFD-FB0648SHF-A | 48 | | 0.21 | 10.0 | 12000 | 1.54 | 54.42 | 35.52 | 1.39 | 55.0 |
| SFD-FB0648GHF-A | 48 | | 0.35 | 16.8 | 14500 | 1.86 | 65.61 | 1.45 | 51.03 | 61.5 |



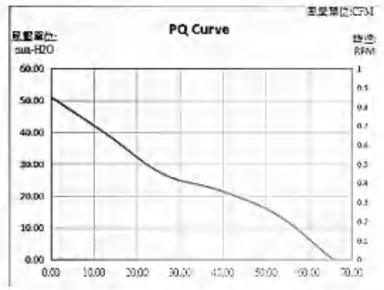
SFD-FB 6032-A CE RS

### Dimensions(unit:mm₩inch)

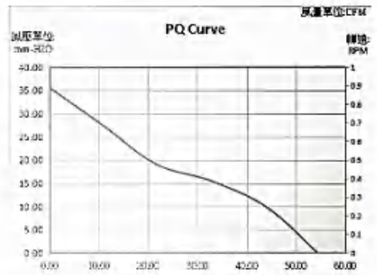



### AirFlow-StaticPressureCharacteristics

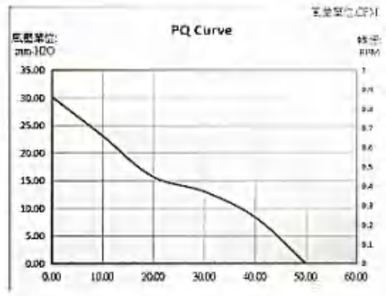
SFD-FB06-12/24/48-GHF



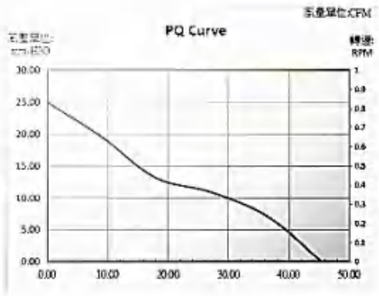

SFD-FB06-12/24/48-SHF




SFD-FB06-12/24/48-VHF




SFD-FB06-12/24/48-HHF



## 60mm DC FAN

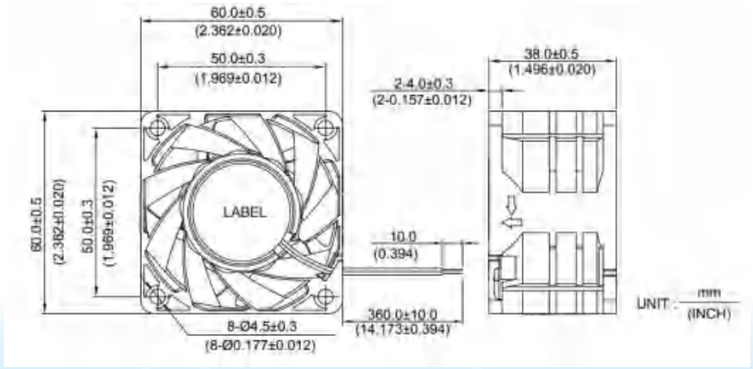
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612XHE-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 60 X 60 X 38mm (Mass:130g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0612SHE-A | 12 | 7.5~13.5 | 1.0 | 12.0 | 12500 | 1.606 | 56.27 | 50.8 | 1.979 | 60.0 |
| SFD-FB0612GHE-A | 12 | | 1.6 | 19.2 | 14500 | 1.868 | 65.95 | 63.56 | 2.502 | 63.5 |
| SFD-FB0612UHE-A | 12 | | 2.3 | 27.6 | 16500 | 2.16 | 76.16 | 80.90 | 1.979 | 67.5 |
| SFD-FB0624SHE-A | 24 | 14.5~27.5 | 0.5 | 12.0 | 12500 | 1.606 | 56.27 | 50.8 | 1.979 | 60.0 |
| SFD-FB0624GHE-A | 24 | | 0.8 | 19.2 | 14500 | 1.868 | 65.95 | 63.56 | 2.502 | 63.5 |
| SFD-FB0624UHE-A | 24 | | 1.15 | 27.6 | 16500 | 2.16 | 76.16 | 80.90 | 1.979 | 67.5 |
| SFD-FB0648SHE-A | 48 | 36.0~54.5 | 0.25 | 12.0 | 12500 | 1.606 | 56.27 | 50.8 | 1.979 | 60.0 |
| SFD-FB0648GHE-A | 48 | | 0.4 | 19.2 | 14500 | 1.868 | 65.95 | 63.56 | 2.502 | 63.5 |
| SFD-FB0648UHE-A | 48 | | 0.58 | 27.84 | 16500 | 2.16 | 76.16 | 80.90 | 1.979 | 67.5 |

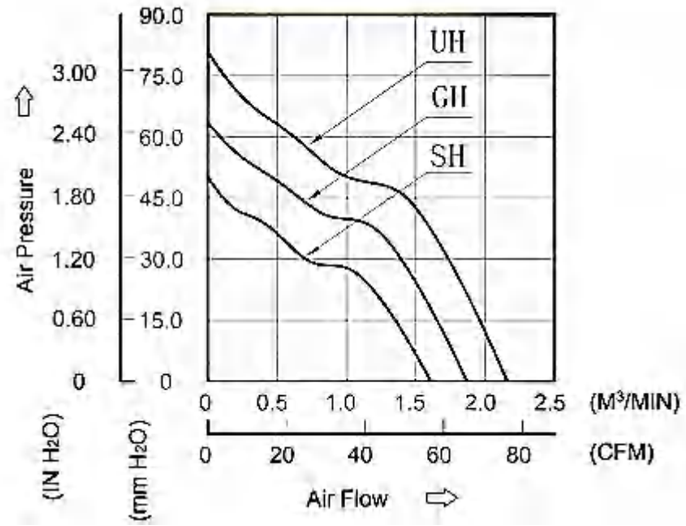
- **Dimensions(unit:mm\inch)**






SFD-FB 6038-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

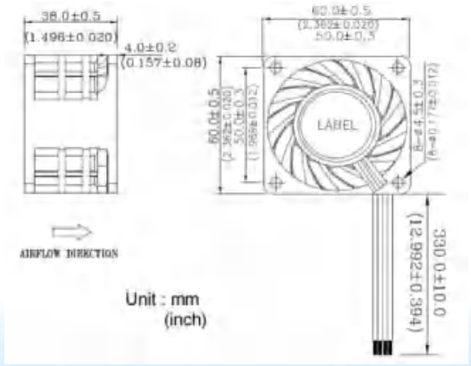
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612XHE-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 60 X 60 X 38mm (Mass180g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0612UHE-B | 12 | 7.5~13.5 | 1.75 | 21.0 | 18000 | 1.664 | 58.6 | 78.7 | 3.09 | 60.0 |
| SFD-FB0612XHE-B | 12 | | 2.1 | 25.2 | 20000 | 1.834 | 64.57 | 88.51 | 3.49 | 63.5 |
| SFD-FB0612ZHE-B | 12 | | 3.5 | 42.0 | 25500 | 2.19 | 77.31 | 185.67 | 7.31 | 68.5 |
| SFD-FB0624UHE-B | 24 | 14.5~27.5 | 0.9 | 21.6 | 18000 | 1.606 | 56.27 | 50.8 | 1.979 | 60.0 |
| SFD-FB0624XHE-B | 24 | | 1.05 | 25.2 | 21000 | 1.868 | 65.95 | 63.56 | 2.502 | 63.5 |
| SFD-FB0624ZHE-B | 24 | | 1.75 | 42.0 | 25500 | 2.16 | 76.16 | 80.90 | 1.979 | 67.5 |
| SFD-FB0648UHE-B | 48 | 36.0~54.5 | 0.45 | 21.6 | 18000 | 1.606 | 56.27 | 50.8 | 1.979 | 60.0 |
| SFD-FB0648XHE-B | 48 | | 0.53 | 25.4 | 21000 | 1.868 | 65.95 | 63.56 | 2.502 | 63.5 |
| SFD-FB0648ZHE-B | 48 | | 0.45 | 42.0 | 25500 | 2.16 | 76.16 | 80.90 | 1.979 | 67.5 |

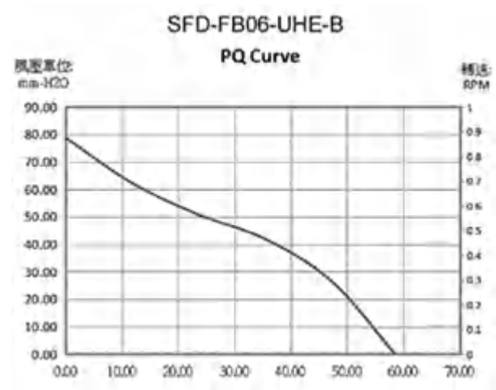
- **Dimensions(unit:mm\inch)**

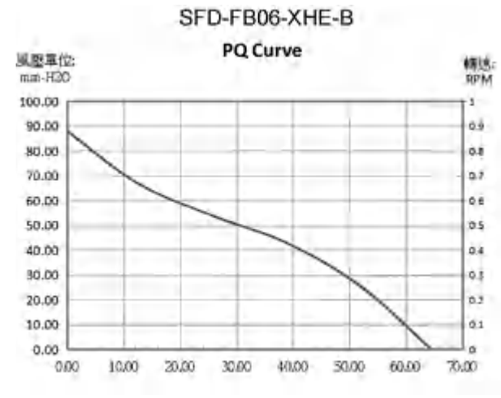


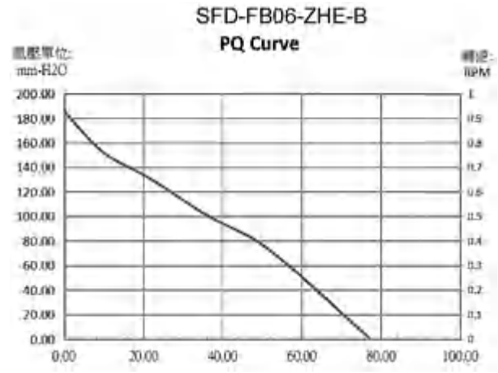



SFD-FB 6038-B CE RS

- **Air Flow-Static Pressure Characteristics**



## 70mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0712LB- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

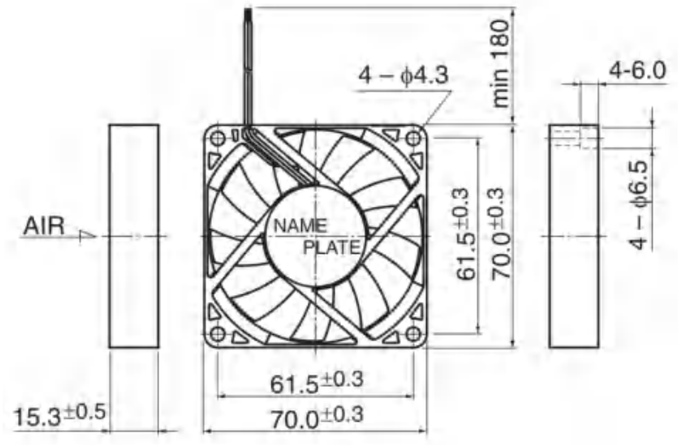
### 70 X 70 X 15mm (Mass:55g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0705LB-A | 5 | 4.5~5.5 | 0.31 | 1.55 | 2900 | 0.7 | 24.7 | 2.286 | 0.09 | 26.5 |
| SFD-FB0705MB-A | | | 0.5 | 2.5 | 3400 | 0.82 | 29.0 | 3.3 | 0.13 | 30.5 |
| SFD-FB0705HB-A | | | 0.62 | 3.1 | 3900 | 0.95 | 33.5 | 4.32 | 0.17 | 34.5 |
| SFD-FB0705HHB-A | | | 0.72 | 3.6 | 4400 | 1.08 | 38.1 | 5.59 | 0.22 | 39.0 |
| SFD-FB0712LB-A | 12 | 7.5~13.2 | 0.13 | 1.56 | 2900 | 0.7 | 24.7 | 2.286 | 0.09 | 26.5 |
| SFD-FB0712MB-A | | | 0.21 | 2.5 | 3400 | 0.82 | 29.0 | 3.3 | 0.13 | 30.5 |
| SFD-FB0712HB-A | | | 0.26 | 3.12 | 3900 | 0.95 | 33.5 | 4.32 | 0.17 | 34.5 |
| SFD-FB0712HHB-A | | | 0.3 | 3.6 | 4400 | 1.08 | 38.1 | 5.59 | 0.22 | 39.0 |
| SFD-FB0724LB-A | 24 | 14.5~27.5 | 0.065 | 1.56 | 2900 | 0.7 | 24.7 | 2.286 | 0.09 | 26.5 |
| SFD-FB0724MB-A | | | 0.1 | 2.4 | 3400 | 0.82 | 29.0 | 3.3 | 0.13 | 30.5 |
| SFD-FB0724HB-A | | | 0.13 | 3.12 | 3900 | 0.95 | 33.5 | 4.32 | 0.17 | 34.5 |
| SFD-FB0724HHB-A | | | 0.15 | 3.6 | 4400 | 1.08 | 38.1 | 5.59 | 0.22 | 39.0 |

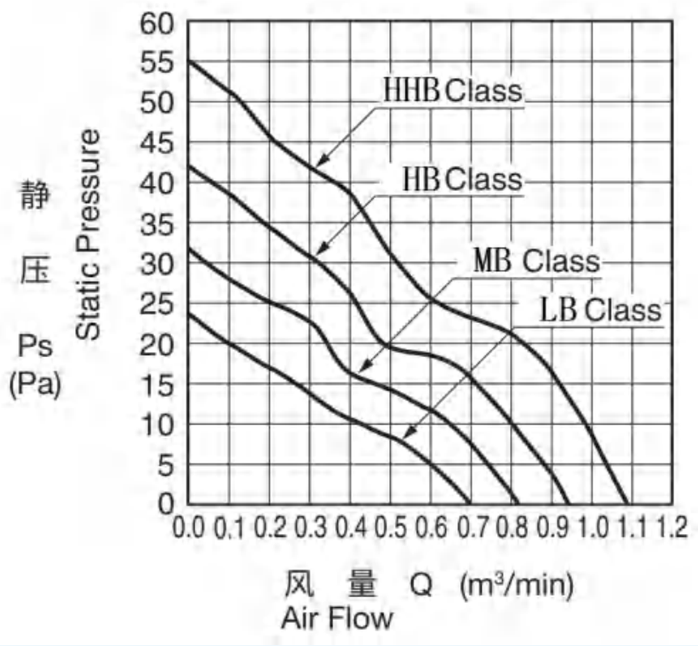


SFD-FB 7015-A CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

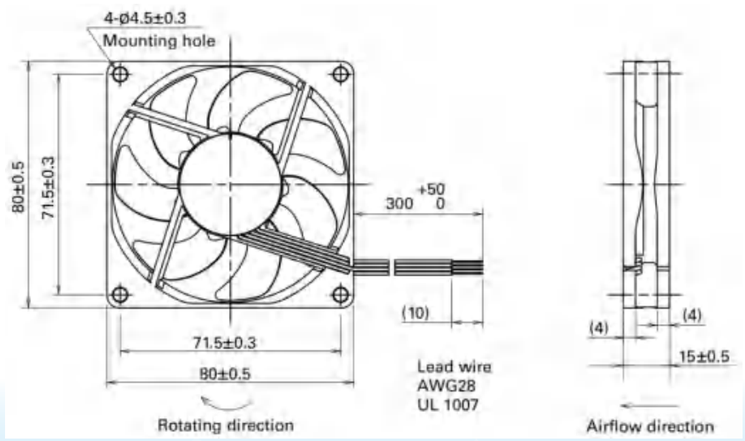
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812MB-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 80 X 80 X 15mm (Mass:60g)

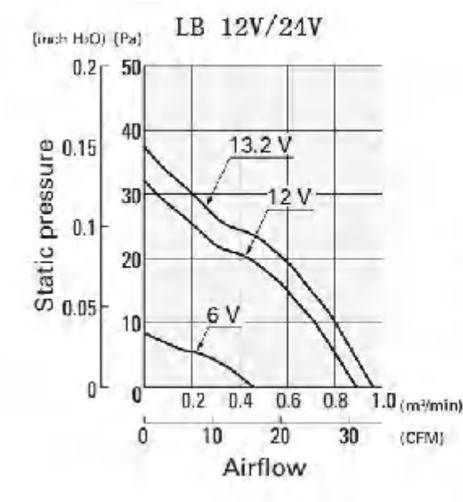
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812LB-A | 12 | 7.5~13.2 | 0.09 | 1.08 | 3800 | 0.89 | 31.4 | 32.6 | 0.13 | 29 |
| SFD-FB0812MB-A | | | 0.17 | 2.04 | 5000 | 1.18 | 41.7 | 56.4 | 0.23 | 37 |
| SFD-FB0812HB-A | | | 0.29 | 3.48 | 6100 | 1.44 | 50.9 | 84.0 | 0.34 | 41 |
| SFD-FB0824LB-A | 24 | 14~26.2 | 0.45 | 1.08 | 3800 | 0.89 | 31.4 | 32.6 | 0.13 | 29 |
| SFD-FB0824MB-A | | | 0.09 | 2.16 | 5000 | 1.18 | 41.7 | 56.4 | 0.23 | 37 |
| SFD-FB0824HB-A | | | 0.15 | 3.60 | 6100 | 1.44 | 50.9 | 84.0 | 0.34 | 41 |

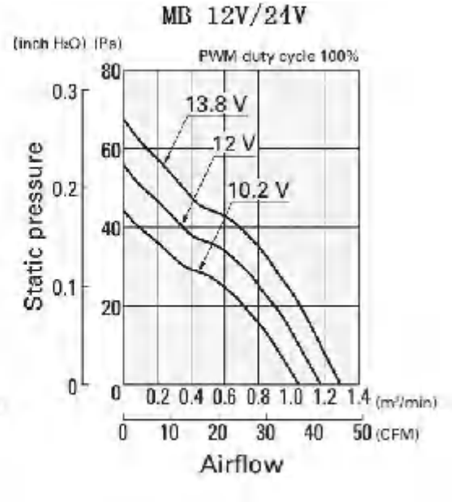
- **Dimensions(unit:mm\inch)**

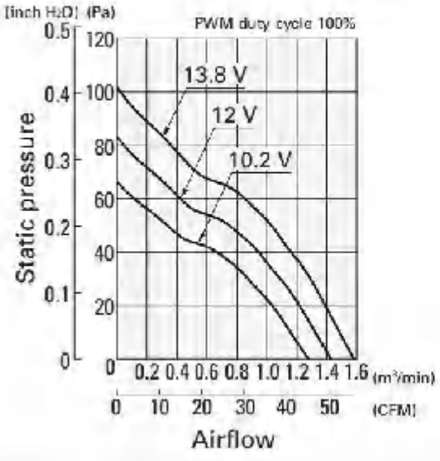



SFD-FB 8015-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

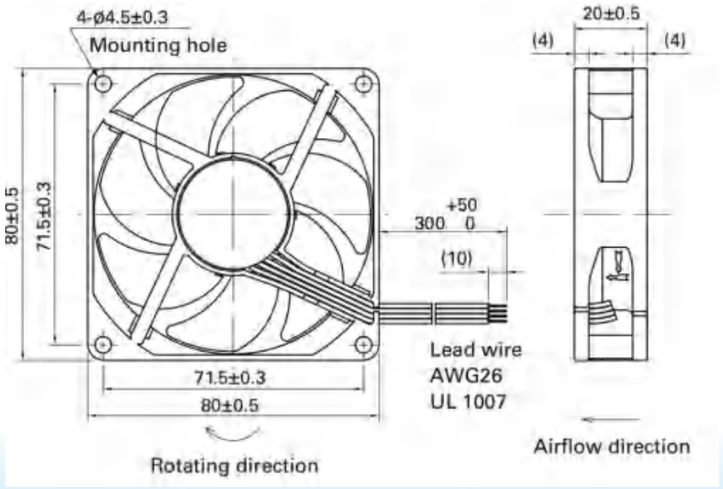
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812MD-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 80 X 80 X 20mm (Mass:78g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812MD-A | 12 | 7.5~13.2 | 0.06 | 0.72 | 2900 | 0.84 | 29.68 | 27 | 0.11 | 26.5 |
| SFD-FB0812HD-A | | | 0.3 | 3.6 | 5850 | 1.72 | 60.78 | 110 | 0.44 | 45.0 |
| SFD-FB0824MD-A | 24 | 14~26.2 | 0.06 | 0.72 | 2900 | 0.84 | 29.68 | 27 | 0.11 | 26.5 |
| SFD-FB0824HD-A | | | 0.3 | 3.6 | 5850 | 1.72 | 60.78 | 110 | 0.44 | 45.0 |

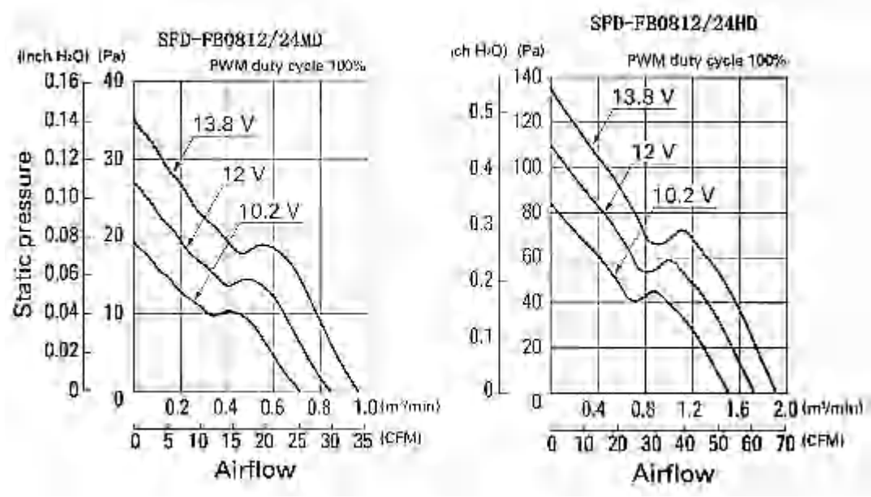
• **Dimensions(unit:mm\inch)**






SFD-FB 8020-A CE RS

• **Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812HH-B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

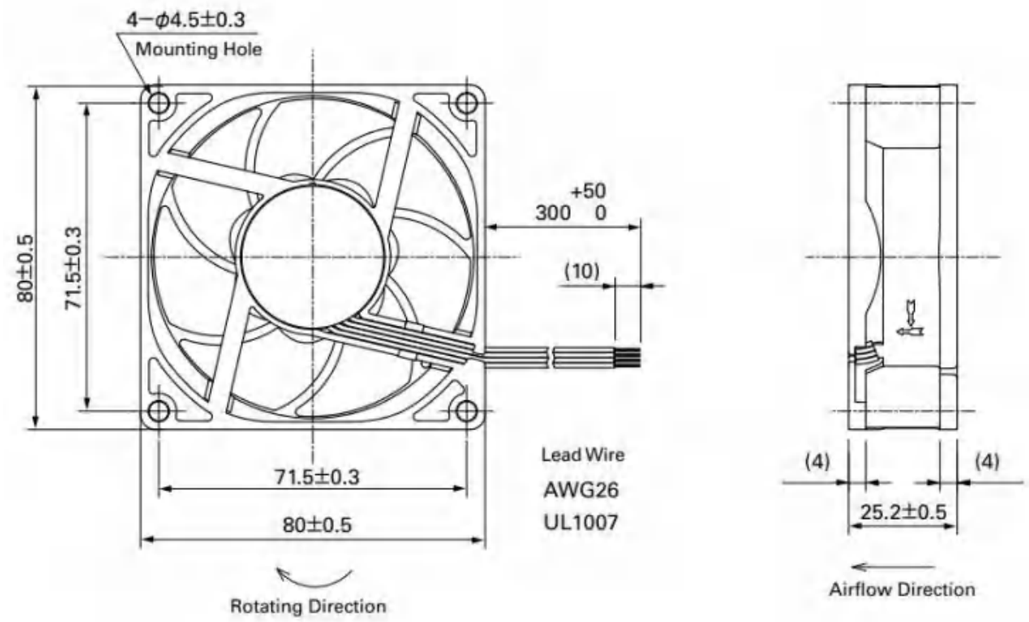
**80 X 80 X 25mm (Mass:110g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812L-A | 12 | 7.5~13.2 | 0.06 | 0.72 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0812M-A | | | 0.08 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0812H-A | | | 0.12 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0812VH-A | | | 0.22 | 2.64 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0812SH-A | | | 0.48 | 5.76 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0812GH-A | | | 0.6 | 7.2 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0824L-A | 24 | 14.5~27.5 | 0.02 | 0.48 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0824M-A | | | 0.04 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0824H-A | | | 0.6 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0824VH-A | | | 0.1 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0824SH-A | | | 0.21 | 5.046 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0824GH-A | | | 0.28 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0848VH-A | 48 | 29.0-55.0 | 0.005 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0848SH-A | | | 0.11 | 5.28 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0848GH-A | | | 0.14 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |

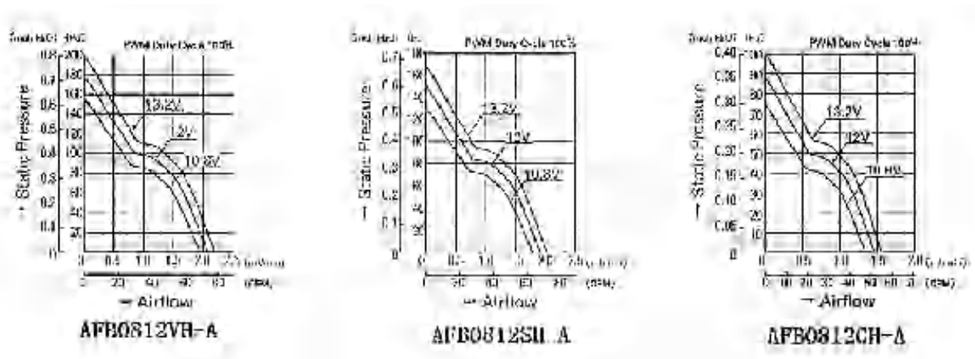


SFD-FB 8025-A CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812SHF-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

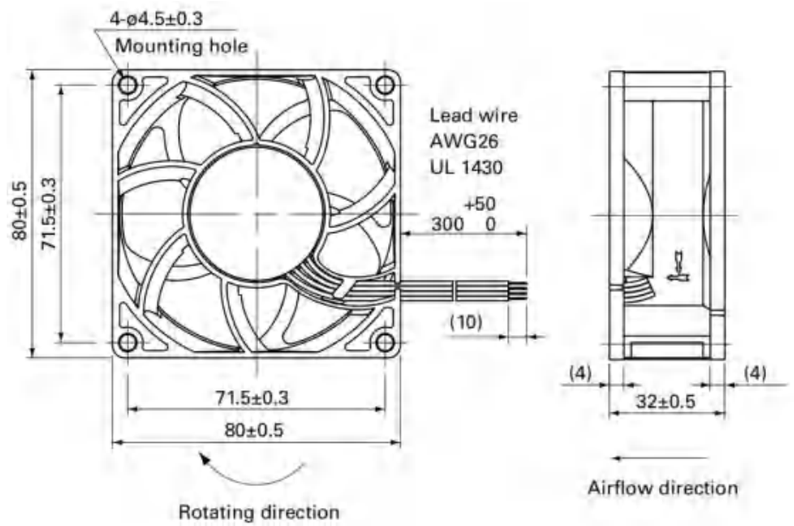
**80 X 80 X 32mm (Mass:125g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812LF-A | 12 | 7.2-13.2 | 0.08 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0812MF-A | | | 0.13 | 1.56 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0812HF-A | | | 0.31 | 3.72 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0812HHF-A | | | 0.35 | 4.2 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0812VHF-A | | | 0.59 | 7.08 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0812SHF-A | | | 0.83 | 9.96 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |
| SFD-FB0824LF-A | 24 | 14.5~27.0 | 0.04 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0824MF-A | | | 0.065 | 1.56 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0824HF-A | | | 0.155 | 3.72 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0824HHF-A | | | 0.175 | 4.2 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0824VHF-A | | | 0.295 | 7.08 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0824SHF-A | | | 0.415 | 9.96 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |
| SFD-FB0848LF-A | 48 | 32.0~55.0 | 0.02 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0848MF-A | | | 0.035 | 1.68 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0848HF-A | | | 0.08 | 3.84 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0848HHF-A | | | 0.09 | 4.32 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0848VHF-A | | | 0.15 | 7.20 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0848SHF-A | | | 0.21 | 10.08 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |

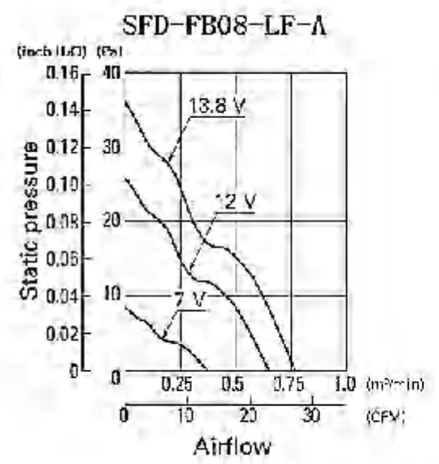


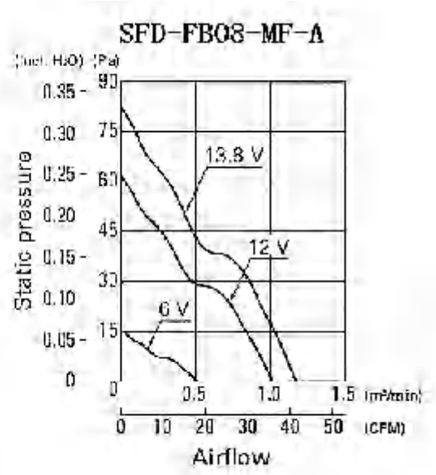
SFD-FB 8032-A CE RS

- **Dimensions(unit:mm\inch)**



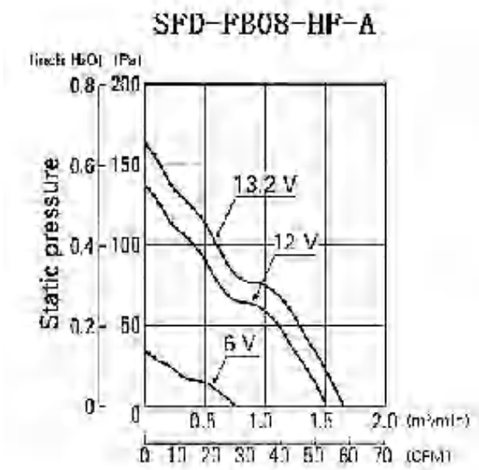

- **Air Flow-Static Pressure Characteristics**

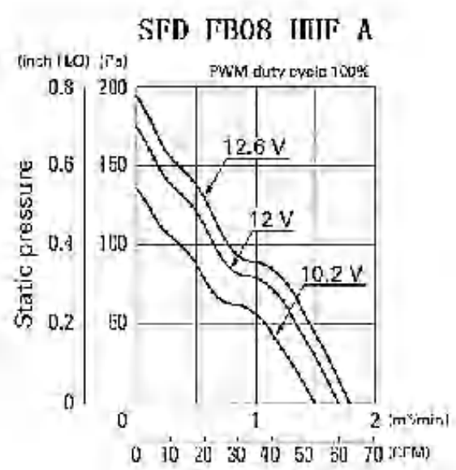


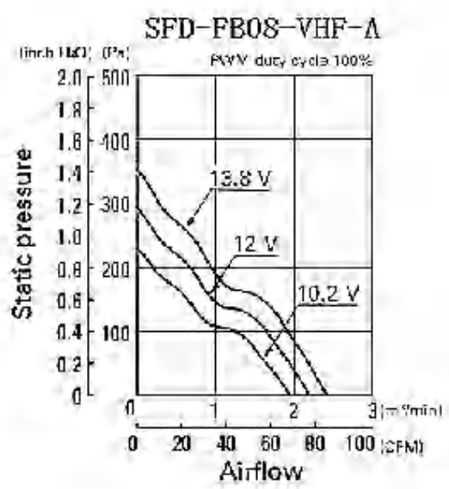



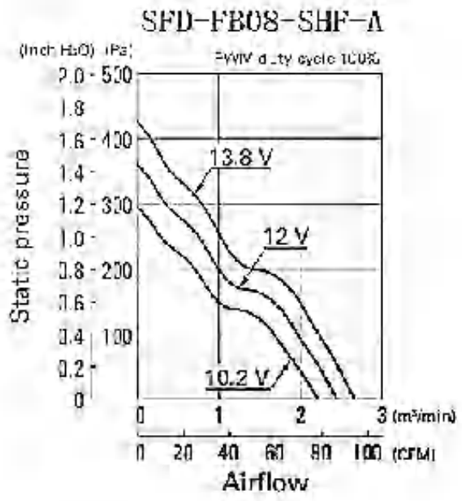
# SFD-FB 8032-A CE RS

•**Air Flow-Static Pressure Characteristics**






# SFD-FB 8032-B CE RS

## 80mm DC FAN

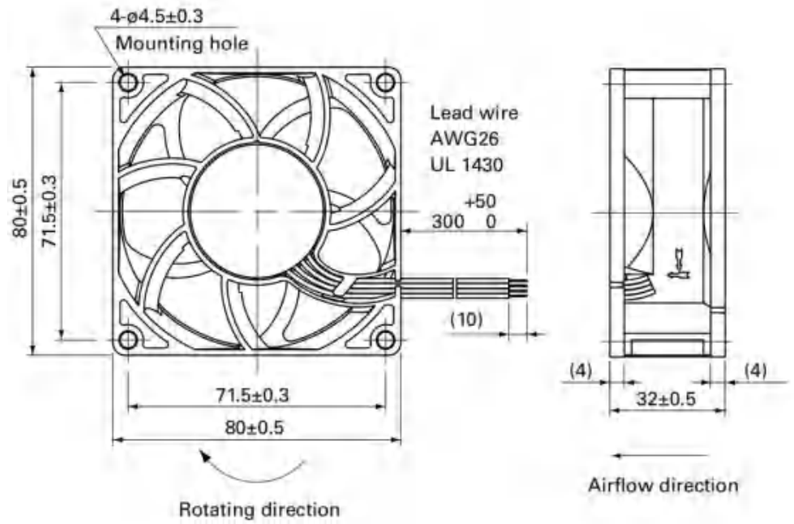
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812SHF-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

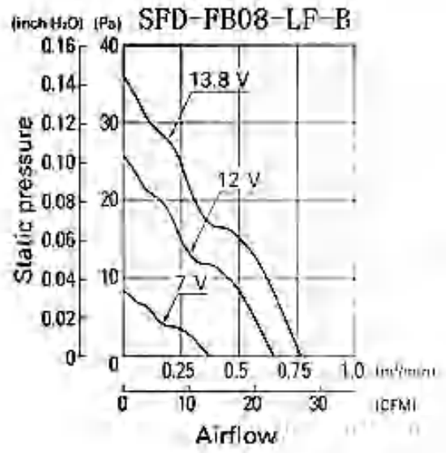
**80 X 80 X 32mm (Mass:140g)**

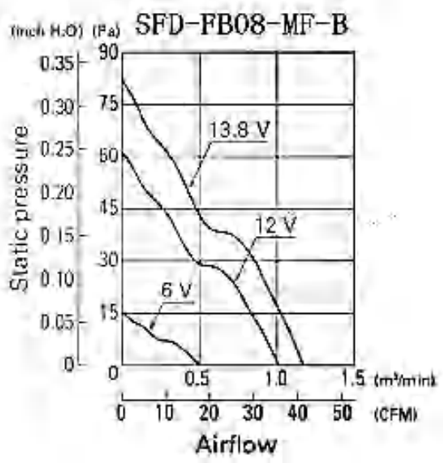
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812LF-B | 12 | 7.2-13.2 | 0.08 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0812MF-B | | | 0.13 | 1.56 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0812HF-B | | | 0.31 | 3.72 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0812HHF-B | | | 0.35 | 4.2 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0812VHF-B | | | 0.59 | 7.08 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0812SHF-B | | | 0.83 | 9.96 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |
| SFD-FB0824LF-B | 24 | 14.5~27.0 | 0.04 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0824MF-B | | | 0.065 | 1.56 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0824HF-B | | | 0.155 | 3.72 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0824HHF-B | | | 0.175 | 4.2 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0824VHF-B | | | 0.295 | 7.08 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0824SHF-B | | | 0.415 | 9.96 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |
| SFD-FB0848LF-B | 48 | 32.0~55.0 | 0.02 | 0.96 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-FB0848MF-B | | | 0.035 | 1.68 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-FB0848HF-B | | | 0.08 | 3.84 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-FB0848HHF-B | | | 0.09 | 4.32 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-FB0848VHF-B | | | 0.15 | 7.20 | 8700 | 2.2 | 77.7 | 294 | 1.18 | 54 |
| SFD-FB0848SHF-B | | | 0.21 | 10.08 | 9700 | 2.45 | 86.5 | 360 | 1.45 | 57 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**

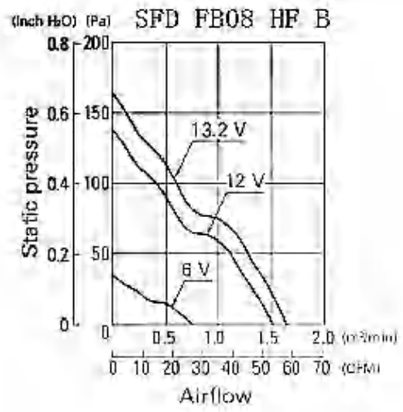


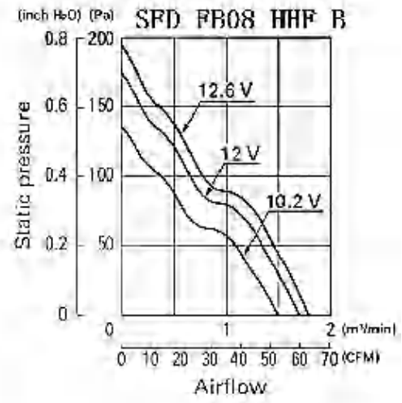



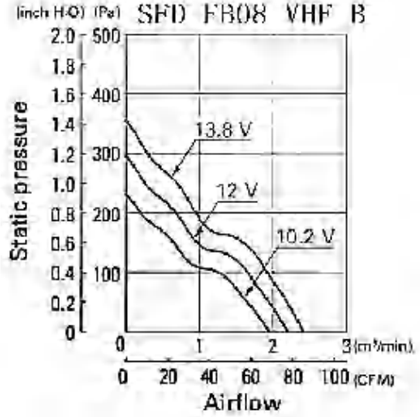


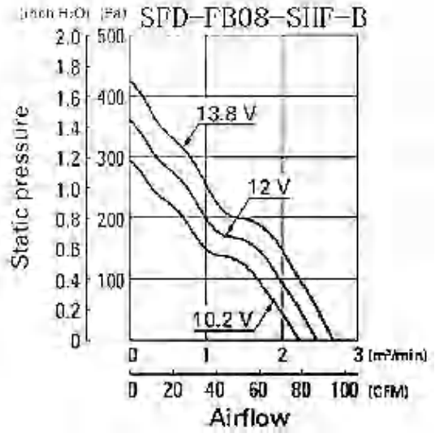

SFD-FB 8032-B CE RS

•**Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812GHE-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

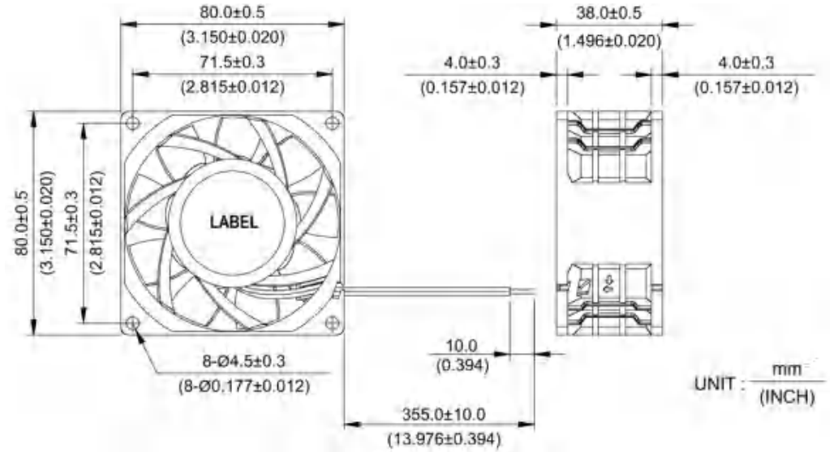
### 80 X 80 X 38mm (Mass:200g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mmH2O | IN H2O | dB-A |
| SFD-FB0812LE-A | 12 | 7.2-13.2 | 0.5 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0812ME-A | | | 0.65 | 7.8 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0812HE-A | | | 0.9 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0812HHE-A | | | 1.2 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0812VHE-A | | | 1.5 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0812SHE-A | | | 1.9 | 22.8 | 10000 | 3.49 | 122.80 | 55.65 | 2.19 | 60.5 |
| SFD-FB0812GHE-A | | | 2.5 | 30.0 | 11000 | 3.85 | 135.45 | 67.55 | 2.66 | 63.5 |
| SFD-FB0812DHE-A | | | 3.2 | 38.4 | 12500 | 4.31 | 151.86 | 82.52 | 3.25 | 66.5 |
| SFD-FB0824LE-A | 24 | 14.5~27.0 | 0.25 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0824ME-A | | | 0.33 | 7.92 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0824HE-A | | | 0.45 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0824HHE-A | | | 0.6 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0824VHE-A | | | 0.75 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0824SHE-A | | | 0.95 | 22.8 | 10000 | 3.49 | 122.80 | 55.65 | 2.19 | 60.5 |
| SFD-FB0824GHE-A | | | 1.25 | 30.0 | 11000 | 3.85 | 135.45 | 67.55 | 2.66 | 63.5 |
| SFD-FB0824DHE-A | | | 1.6 | 38.4 | 12500 | 4.31 | 151.86 | 82.52 | 3.25 | 66.5 |
| SFD-FB0848LE-A | 48 | 32.0~55.0 | 0.125 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0848ME-A | | | 0.16 | 7.68 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0848HE-A | | | 0.225 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0848HHE-A | | | 0.3 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0848VHE-A | | | 0.38 | 18.24 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0848SHE-A | | | 0.48 | 23.04 | 10000 | 3.49 | 122.80 | 55.65 | 2.19 | 60.5 |
| SFD-FB0848GHE-A | | | 0.63 | 30.24 | 11000 | 3.85 | 135.45 | 67.55 | 2.66 | 63.5 |
| SFD-FB0848DHE-A | | | 0.8 | 38.4 | 12500 | 4.31 | 151.86 | 82.52 | 3.25 | 66.5 |

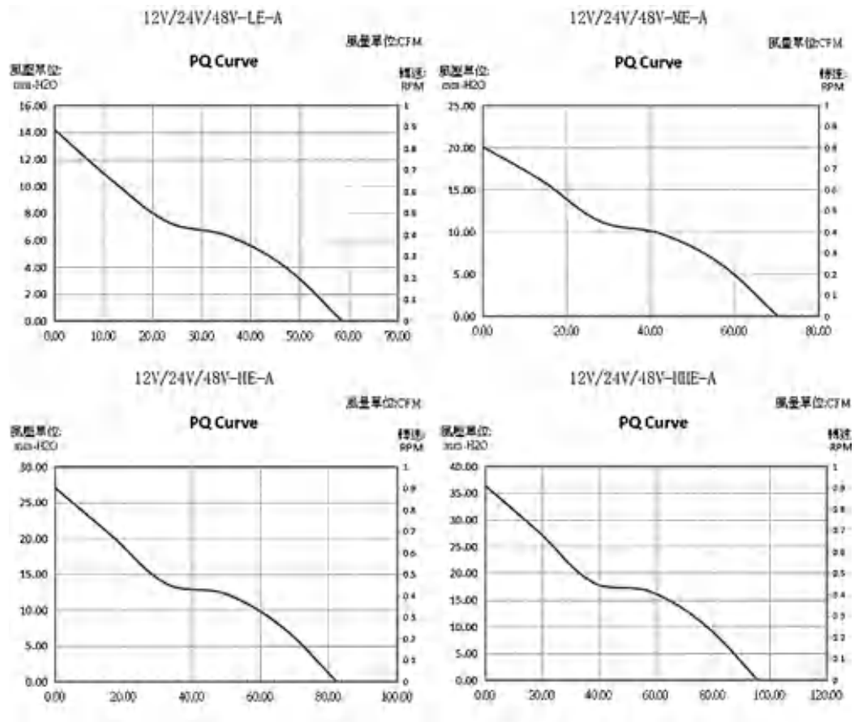


SFD-FB 8038-A CE RS

- **Dimensions(unit:mm\inch)**

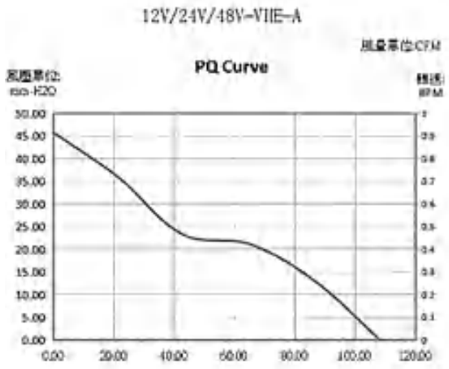


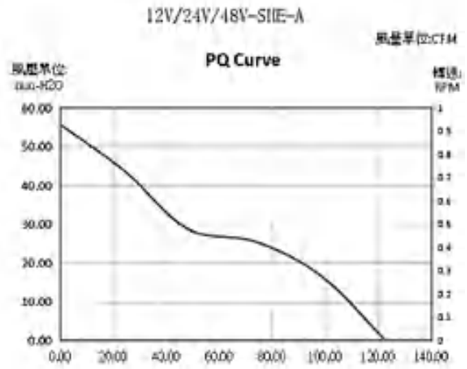

- **Air Flow-Static Pressure Characteristics**

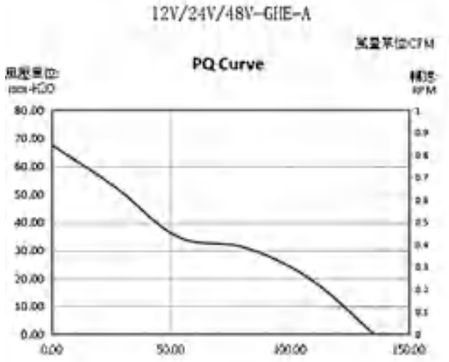


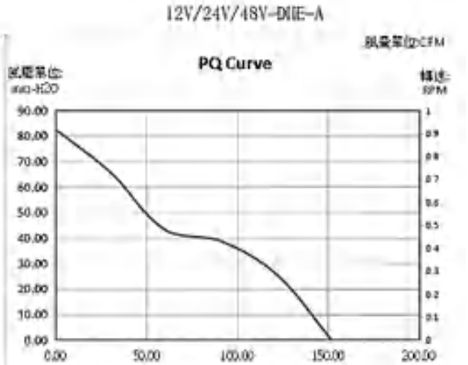
# SFD-FB 8038-A CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-FB 8038-B CE RS

## 80mm DC FAN

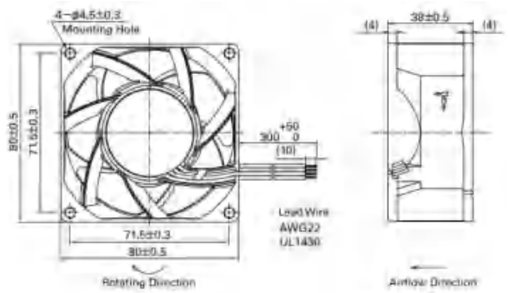
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812UHE- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

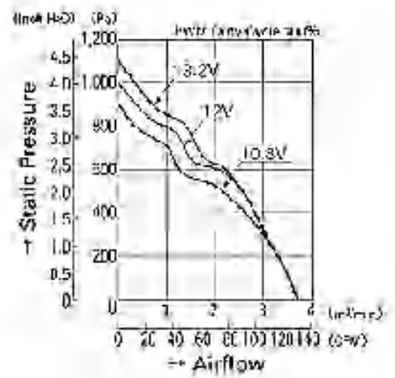
**80 X 80 X 38mm (Mass:220g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812UHE | 12 | 7.2-13.8 | 3.4 | 40.8 | 14900 | 3.7 | 130.7 | 1000 | 4.0 | 69 |
| SFD-FB0824UHE | 24 | 14.5~27.5 | 1.7 | 40.8 | 14900 | 3.7 | 130.7 | 1000 | 4.0 | 69 |
| SFD-FB0848UHE | 48 | 29.0~55.0 | 0.85 | 40.8 | 14900 | 3.7 | 130.7 | 1000 | 4.0 | 69 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812GHE-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

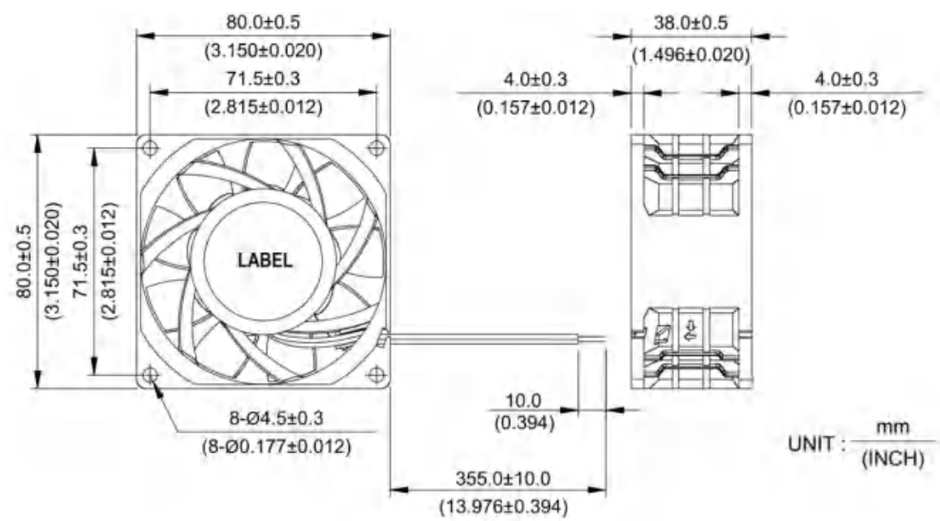
**80 X 80 X 38mm (Mass:170g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mmH2O | IN H2O | dB-A |
| SFD-FB0812LE-C | 12 | 7.2-13.2 | 0.5 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0812ME-C | | | 0.65 | 7.8 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0812HE-C | | | 0.9 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0812HHE-C | | | 1.2 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0812VHE-C | | | 1.5 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0824LE-C | 24 | 14.5~27.0 | 0.25 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0824ME-C | | | 0.33 | 7.92 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0824HE-C | | | 0.45 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0824HHE-C | | | 0.6 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0824VHE-C | | | 0.75 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0848LE-C | 48 | 32.0~55.0 | 0.125 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0848ME-C | | | 0.16 | 7.68 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0848HE-C | | | 0.225 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0848HHE-C | | | 0.3 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0848VHE-C | | | 0.38 | 18.24 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |

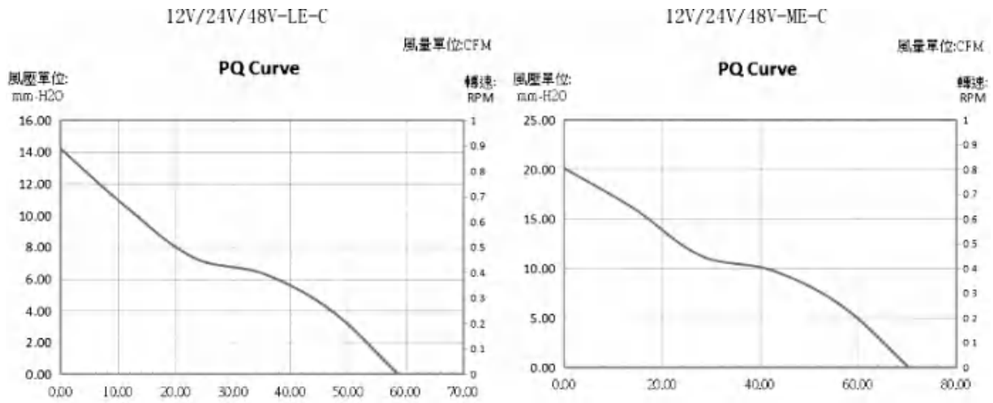


SFD-FB 8038-C CE RS

- **Dimensions(unit:mm\inch)**

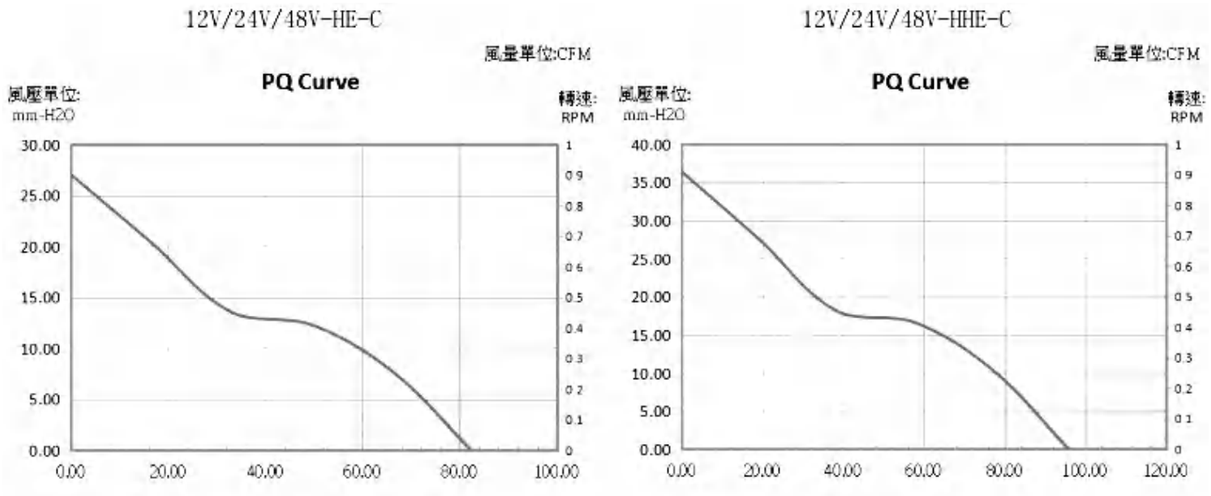



- **Air Flow-Static Pressure Characteristics**



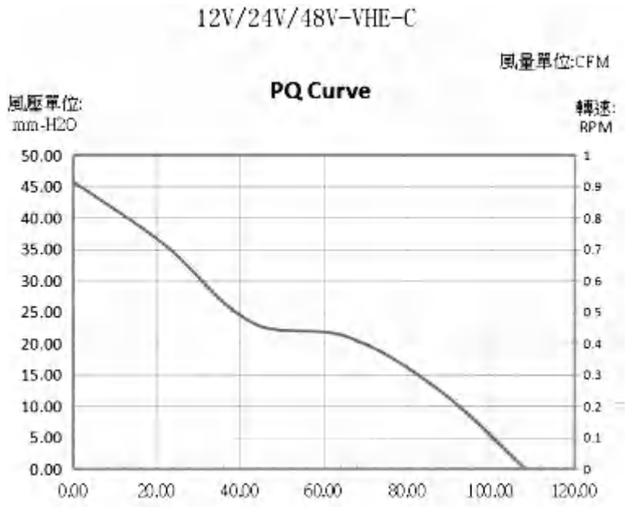
# SFD-FB 8038-C CE RS

**•Air Flow-Static Pressure Characteristics**












# SFD-FB 8038-D CE RS

## 80mm DC FAN

### General Specifications

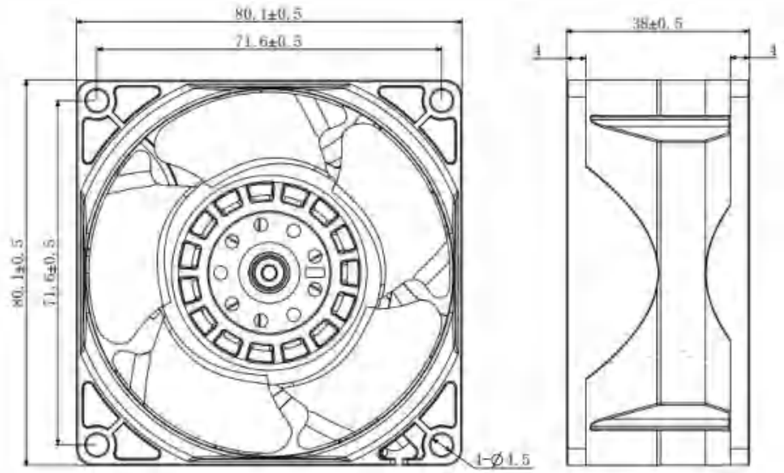
Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ ( Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812UHE-D B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 80 X 80 X 38mm (Mass:207g)

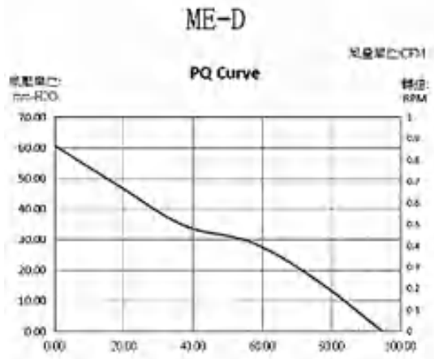
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0812ME-D | 12 | 7.2-13.8 | 1.38 | 16.56 | 11000 | 2.69 | 94.65 | 60.68 | 2.39 | 61 |
| SFD-FB0812HE-D | 12 | | 1.85 | 22.2 | 12000 | 2.92 | 102.98 | 71.01 | 2.80 | 63 |
| SFD-FB0812HHE-D | 12 | | 2.2 | 26.4 | 13000 | 3.21 | 112.82 | 82.91 | 3.26 | 65 |
| SFD-FB0812VHE-D | 12 | | 2.65 | 31.8 | 14000 | 3.43 | 120.93 | 91.4 | 3.60 | 67 |
| SFD-FB0812SHE-D | 12 | | 3.25 | 39.0 | 15000 | 3.71 | 130.74 | 114.4 | 4.50 | 69 |
| SFD-FB0812GHE-D | 12 | | 3.8 | 45.6 | 16000 | 3.94 | 138.74 | 127.87 | 5.03 | 71 |
| SFD-FB0812UHE-D | 12 | | 4.5 | 54.0 | 17000 | 4.16 | 146.47 | 141.62 | 5.57 | 73 |
| SFD-FB0812XHE-D | 12 | | 5.4 | 64.8 | 18300 | 4.37 | 153.94 | 160.1 | 6.30 | 75 |
| SFD-FB0824ME-D | 24 | 14.5~27.5 | 0.69 | 16.56 | 11000 | 2.69 | 94.65 | 60.68 | 2.39 | 61 |
| SFD-FB0824HE-D | 24 | | 0.92 | 22.1 | 12000 | 2.92 | 102.98 | 71.01 | 2.80 | 63 |
| SFD-FB0824HHE-D | 24 | | 1.1 | 26.4 | 13000 | 3.21 | 112.82 | 82.91 | 3.26 | 65 |
| SFD-FB0824VHE-D | 24 | | 1.32 | 31.8 | 14000 | 3.43 | 120.93 | 91.4 | 3.60 | 67 |
| SFD-FB0824SHE-D | 24 | | 1.62 | 38.9 | 15000 | 3.71 | 130.74 | 114.4 | 4.50 | 69 |
| SFD-FB0824GHE-D | 24 | | 1.9 | 45.6 | 16000 | 3.94 | 138.74 | 127.87 | 5.03 | 71 |
| SFD-FB0824UHE-D | 24 | | 2.25 | 54.0 | 17000 | 4.16 | 146.47 | 141.62 | 5.57 | 73 |
| SFD-FB0824XHE-D | 24 | | 2.7 | 64.8 | 18300 | 4.37 | 153.94 | 160.1 | 6.30 | 75 |
| SFD-FB0848ME-D | 48 | 29.0~55.0 | 0.35 | 16.8 | 11000 | 2.69 | 94.65 | 60.68 | 2.39 | 61 |
| SFD-FB0848HE-D | 48 | | 0.46 | 22.1 | 12000 | 2.92 | 102.98 | 71.01 | 2.80 | 63 |
| SFD-FB0848HHE-D | 48 | | 0.55 | 26.4 | 13000 | 3.21 | 112.82 | 82.91 | 3.26 | 65 |
| SFD-FB0848VHE-D | 48 | | 0.66 | 31.8 | 14000 | 3.43 | 120.93 | 91.4 | 3.60 | 67 |
| SFD-FB0848SHE-D | 48 | | 0.81 | 38.9 | 15000 | 3.71 | 130.74 | 114.4 | 4.50 | 69 |
| SFD-FB0848GHE-D | 48 | | 0.95 | 45.6 | 16000 | 3.94 | 138.74 | 127.87 | 5.03 | 71 |
| SFD-FB0848UHE-D | 48 | | 1.125 | 54.0 | 17000 | 4.16 | 146.47 | 141.62 | 5.57 | 73 |

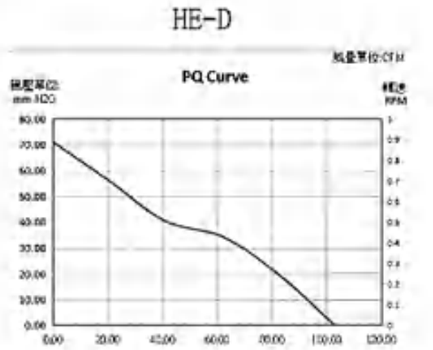
# SFD-FB 8038-D CE RS

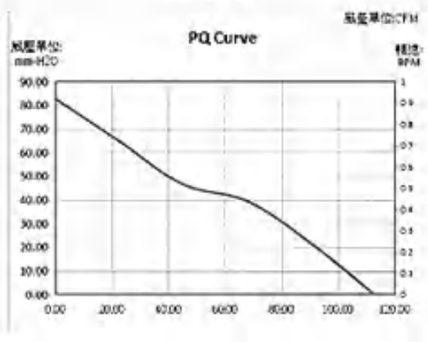
• **Dimensions(unit:mm\inch)**

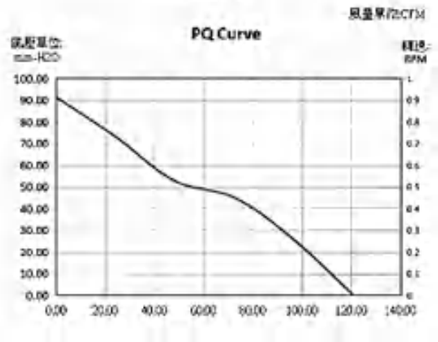



•**Air Flow-Static Pressure Characteristics**





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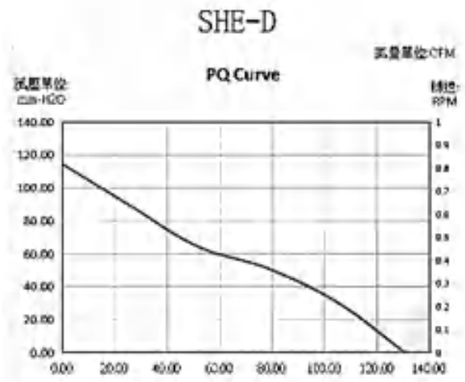
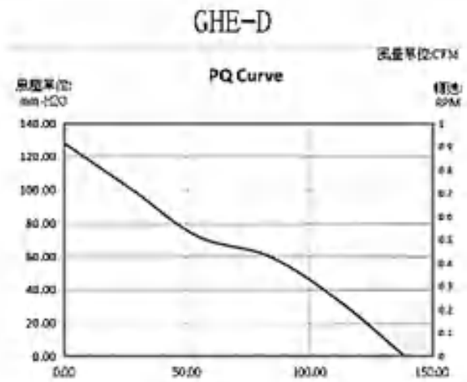
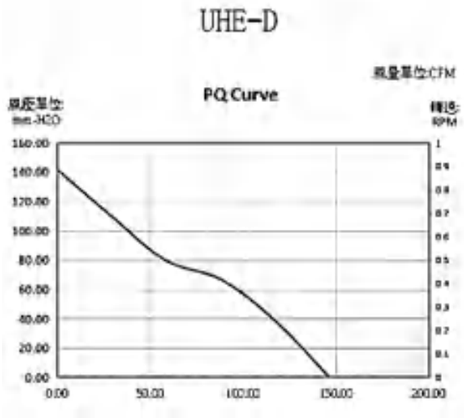
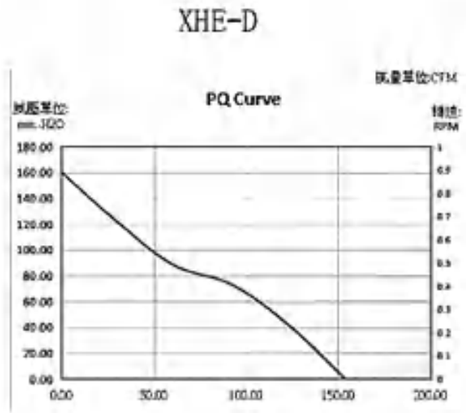
# SFD-FB 8038-D CE RS

•**Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

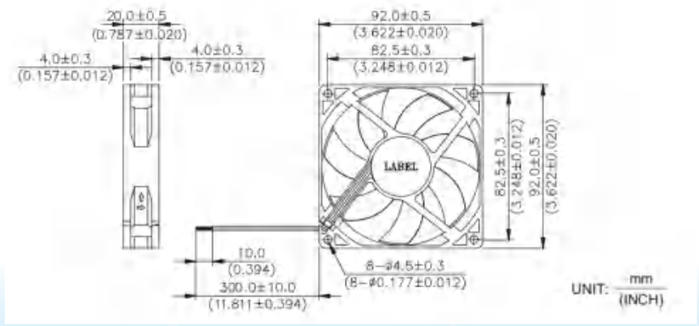
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912HHD- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**92 X 92 X 20mm (Mass:92g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0912LD | 12 | 7.2-13.8 | 0.08 | 0.96 | 2100 | 1.161 | 41.0 | 2.13 | 0.084 | 28.5 |
| SFD-FB0912MD | | | 0.1 | 1.2 | 2400 | 1.335 | 47.14 | 2.74 | 0.108 | 32.0 |
| SFD-FB0912HD | | | 0.16 | 1.92 | 2700 | 1.546 | 54.6 | 3.51 | 0.138 | 35.0 |
| SFD-FB0912HHD | | | 0.24 | 2.88 | 3000 | 1.686 | 59.54 | 4.22 | 0.166 | 38.0 |
| SFD-FB0912VHD | | | 0.28 | 3.36 | 3300 | 1.872 | 66.11 | 5.03 | 0.198 | 40.5 |
| SFD-FB0924LD | 24 | 14.5~27.5 | 0.06 | 1.44 | 2100 | 1.161 | 41.0 | 2.13 | 0.084 | 28.5 |
| SFD-FB0924MD | | | 0.08 | 1.92 | 2400 | 1.335 | 47.14 | 2.74 | 0.108 | 32.0 |
| SFD-FB0924HD | | | 0.1 | 2.4 | 2700 | 1.546 | 54.6 | 3.51 | 0.138 | 35.0 |
| SFD-FB0924HHD | | | 0.13 | 3.12 | 3000 | 1.686 | 59.54 | 4.22 | 0.166 | 38.0 |
| SFD-FB0924VHD | | | 0.16 | 3.84 | 3300 | 1.872 | 66.11 | 5.03 | 0.198 | 40.5 |

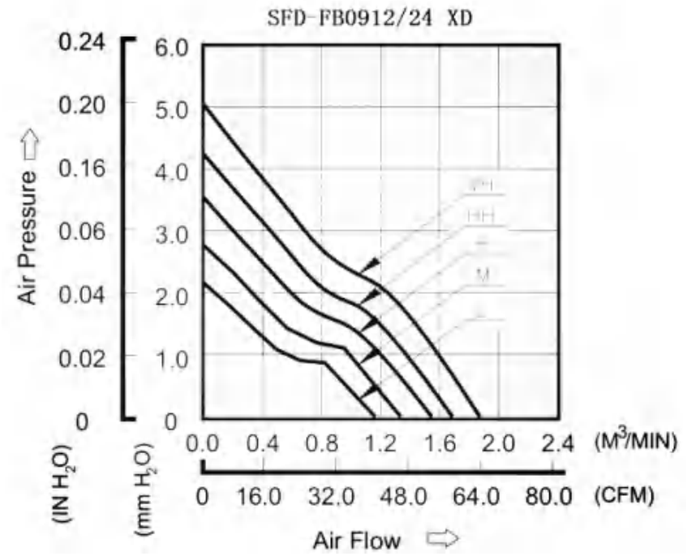
• **Dimensions(unit:mm\inch)**






SFD-FB 9220 CE RS

• **Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

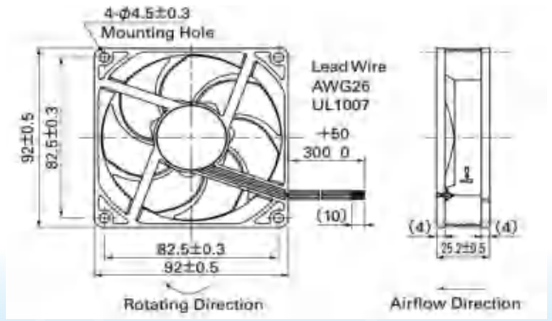
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912HH- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 92 X 92 X 25mm (Mass:120g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0912L-A | 12 | 7.2-13.8 | 0.06 | 0.72 | 1500 | 0.66 | 23.3 | 9.5 | 0.04 | 15 |
| SFD-FB0912M-A | | | 0.2 | 2.4 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0912H-A | | | 0.28 | 3.36 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0912HH-A | | | 0.39 | 4.68 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |
| SFD-FB0924L-A | 24 | 14.5~27.5 | 0.04 | 0.96 | 1500 | 0.66 | 23.3 | 9.5 | 0.04 | 15 |
| SFD-FB0924M-A | | | 0.12 | 2.88 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0924H-A | | | 0.15 | 3.6 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0924HH-A | | | 0.2 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |
| SFD-FB0948M-A | 48 | 29.0~55.0 | 0.06 | 0.96 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0948H-A | | | 0.08 | 3.84 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0948HH-A | | | 0.1 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |

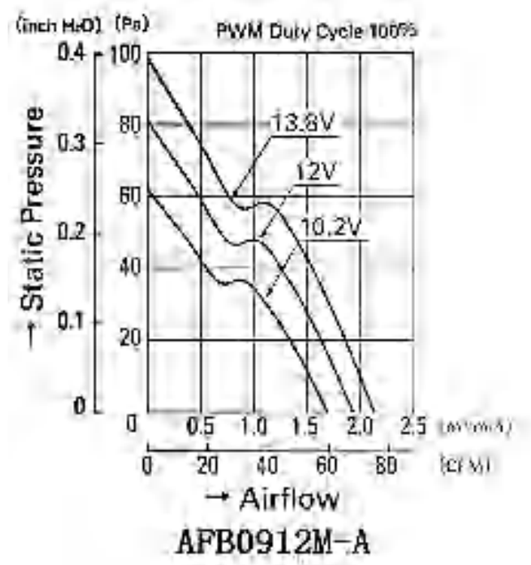
- **Dimensions(unit:mm\inch)**

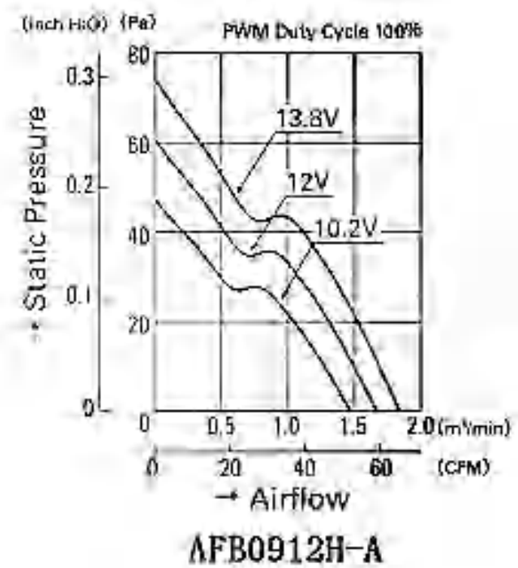


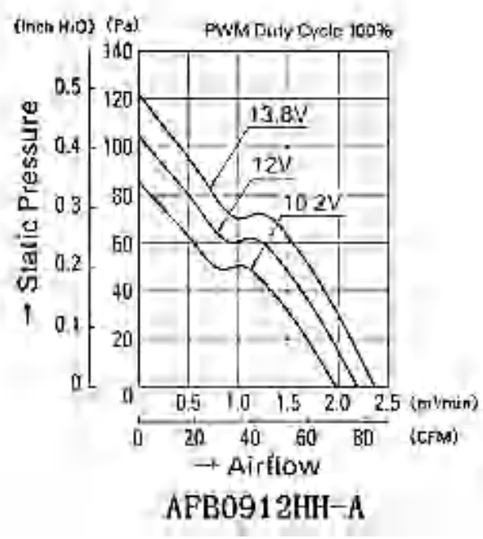



SFD-FB 9225-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

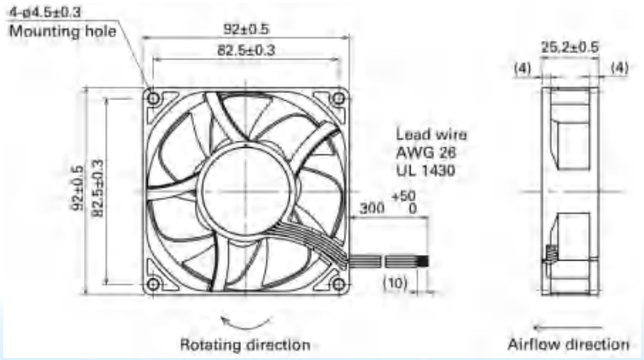
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912SH-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 92 X 92 X 25mm (Mass:140g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0912SH-B | 12 | 7.2-13.8 | 0.75 | 9.0 | 6050 | 2.76 | 97.1 | 190 | 0.76 | 52 |
| SFD-FB0912GH-B | | | 1.4 | 16.8 | 7350 | 3.35 | 118 | 280 | 1.12 | 56 |
| SFD-FB0912UH-B | | | 2.4 | 28.8 | 10000 | 4.49 | 158 | 460.5 | 1.85 | 65 |
| SFD-FB0924SH-B | 24 | 14.5~27.5 | 0.38 | 9.1 | 6050 | 2.76 | 97.1 | 190 | 0.76 | 52 |
| SFD-FB0924GH-B | | | 0.7 | 16.8 | 7350 | 3.35 | 118 | 280 | 1.12 | 56 |
| SFD-FB0924UH-B | | | 1.2 | 28.8 | 10000 | 4.49 | 158 | 460.5 | 1.85 | 65 |
| SFD-FB0948SH-B | 48 | 29.0~55.0 | 0.19 | 9.1 | 6050 | 2.76 | 97.1 | 190 | 0.76 | 52 |
| SFD-FB0948GH-B | | | 0.35 | 16.8 | 7350 | 3.35 | 118 | 280 | 1.12 | 56 |
| SFD-FB0948UH-B | | | 0.6 | 28.8 | 10000 | 4.49 | 158 | 460.5 | 1.85 | 65 |

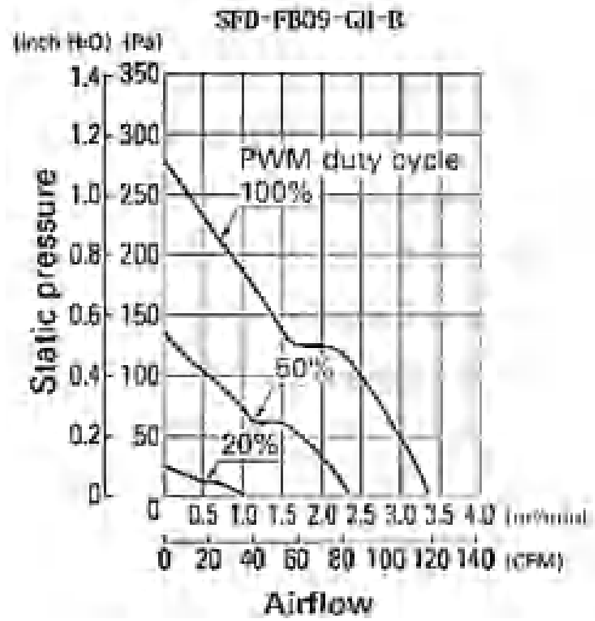
- **Dimensions(unit:mm\inch)**

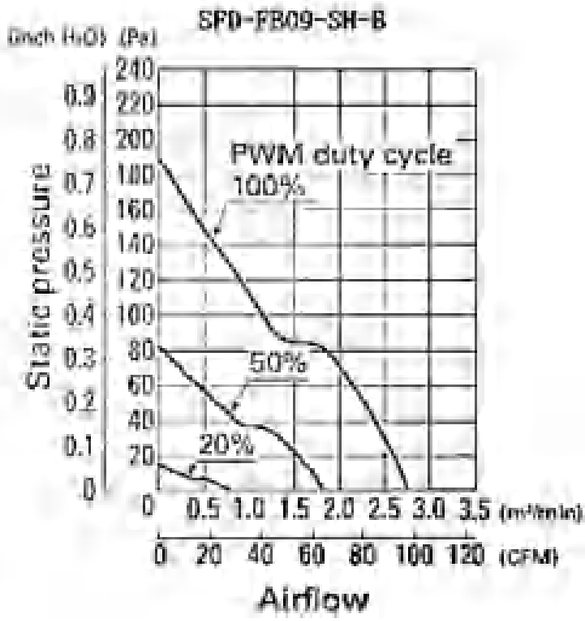





SFD-FB 9225-B CE RS

- **Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912UHE-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

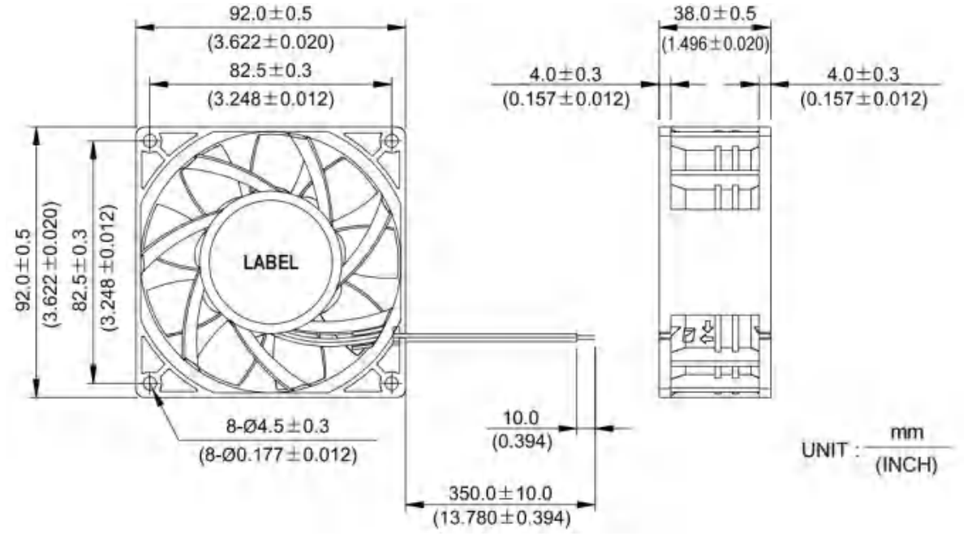
### 92 X 92 X 38mm (Mass:255g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mmH2O | IN H2O | dB-A |
| SFD-FB0912HHE-A | 12 | 7.2-13.8 | 0.33 | 3.96 | 3200 | 1.933 | 68.26 | 7.76 | 0.305 | 43.5 |
| SFD-FB0912VHE-A | | | 0.38 | 4.56 | 3800 | 2.287 | 80.77 | 10.88 | 0.428 | 46.2 |
| SFD-FB0912SHE-A | | | 0.55 | 6.6 | 4400 | 2.668 | 94.22 | 14.67 | 0.578 | 51.7 |
| SFD-FB0912EHE-A | | | 0.68 | 8.16 | 4800 | 2.936 | 103.67 | 17.56 | 0.691 | 54.0 |
| SFD-FB0912GHE-A | | | 1.22 | 14.64 | 6000 | 3.662 | 129.31 | 25.78 | 1.015 | 60.5 |
| SFD-FB0912UHE-A | | | 2.00 | 24.0 | 7000 | 4.347 | 153.52 | 36.79 | 1.449 | 64.0 |
| SFD-FB0912DHE-A | | | 3.10 | 37.2 | 8000 | 4.957 | 175.03 | 46.21 | 1.819 | 66.5 |
| SFD-FB0912UHE-A | | | 3.90 | 46.8 | 9000 | 4.957 | 190.11 | 46.21 | 2.142 | 68.5 |
| SFD-FB0924HHE-A | 24 | 14.5~27.5 | 0.165 | 3.96 | 3200 | 1.933 | 68.26 | 7.76 | 0.305 | 43.5 |
| SFD-FB0924VHE-A | | | 0.19 | 4.56 | 3800 | 2.287 | 80.77 | 10.88 | 0.428 | 46.2 |
| SFD-FB0924SHE-A | | | 0.75 | 6.6 | 4400 | 2.668 | 94.22 | 14.67 | 0.578 | 51.7 |
| SFD-FB0924EHE-A | | | 0.34 | 8.16 | 4800 | 2.936 | 103.67 | 17.56 | 0.691 | 54.0 |
| SFD-FB0924GHE-A | | | 0.61 | 14.64 | 6000 | 3.662 | 129.31 | 25.78 | 1.015 | 60.5 |
| SFD-FB0924UHE-A | | | 1.00 | 24.0 | 7000 | 4.347 | 153.52 | 36.79 | 1.449 | 64.0 |
| SFD-FB0924DHE-A | | | 1.55 | 37.2 | 8000 | 4.957 | 175.03 | 46.21 | 1.819 | 66.5 |
| SFD-FB0924UHE-A | | | 1.95 | 46.8 | 9000 | 4.957 | 190.11 | 46.21 | 2.142 | 68.5 |
| SFD-FB0948HHE-A | 48 | 29.0~55.0 | 0.082 | 3.94 | 3200 | 1.933 | 68.26 | 7.76 | 0.305 | 43.5 |
| SFD-FB0948VHE-A | | | 0.095 | 4.56 | 3800 | 2.287 | 80.77 | 10.88 | 0.428 | 46.2 |
| SFD-FB0948SHE-A | | | 0.14 | 6.72 | 4400 | 2.668 | 94.22 | 14.67 | 0.578 | 51.7 |
| SFD-FB0948EHE-A | | | 0.17 | 8.16 | 4800 | 2.936 | 103.67 | 17.56 | 0.691 | 54.0 |
| SFD-FB0948GHE-A | | | 0.305 | 14.64 | 6000 | 3.662 | 129.31 | 25.78 | 1.015 | 60.5 |
| SFD-FB0948UHE-A | | | 0.5 | 24.0 | 7000 | 4.347 | 153.52 | 36.79 | 1.449 | 64.0 |
| SFD-FB0948DHE-A | | | 0.775 | 37.2 | 8000 | 4.957 | 175.03 | 46.21 | 1.819 | 66.5 |

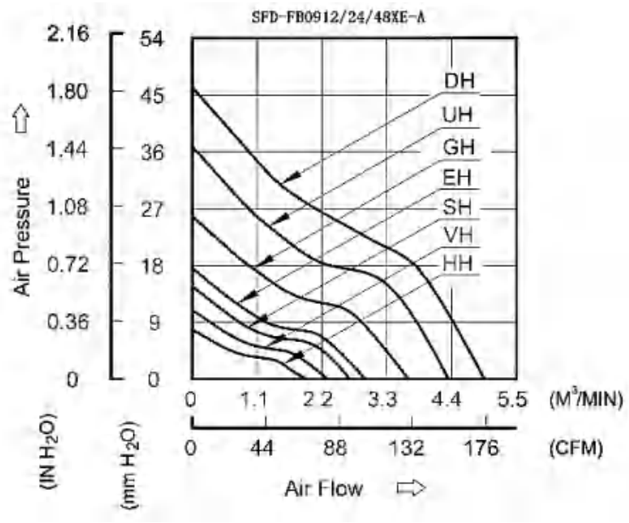


SFD-FB 9238-A CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**



# SFD-FB 9238-B CE RS

## 92mm DC FAN

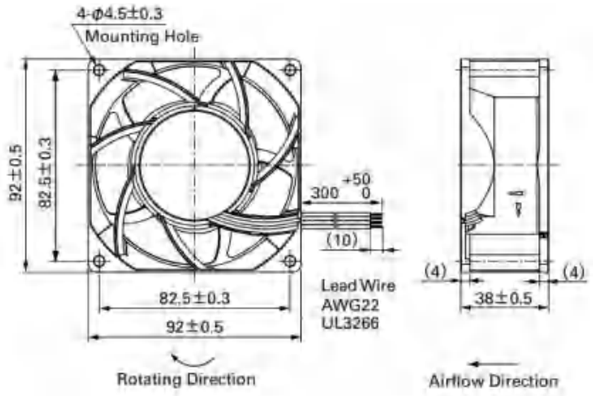
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912UHE- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

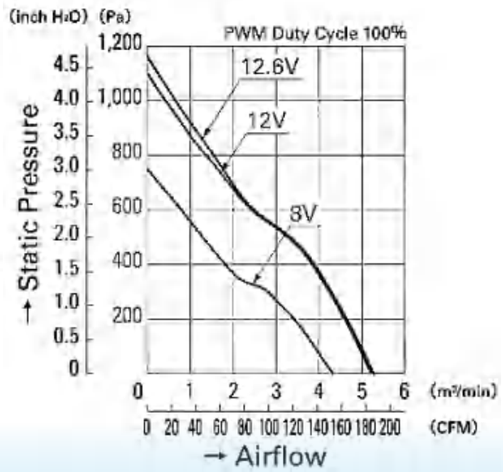
### 92 X 92 X 38mm (Mass:245g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0912HHE | 12 | 7.2-13.8 | 5.3 | 63.6 | 14900 | 5.1 | 180 | 1100 | 112.26 | 72.0 |
| SFD-FB0924HHE | 24 | 14.5~27.5 | 2.6 | 62.4 | 14900 | 5.1 | 180 | 1100 | 112.26 | 72.0 |
| SFD-FB0948HHE | 48 | 29.0~55.0 | 1.2 | 57.6 | 14900 | 5.1 | 180 | 1100 | 112.26 | 72.0 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics






# SFD-FB 12025-A CE RS

## 120mm DC FAN

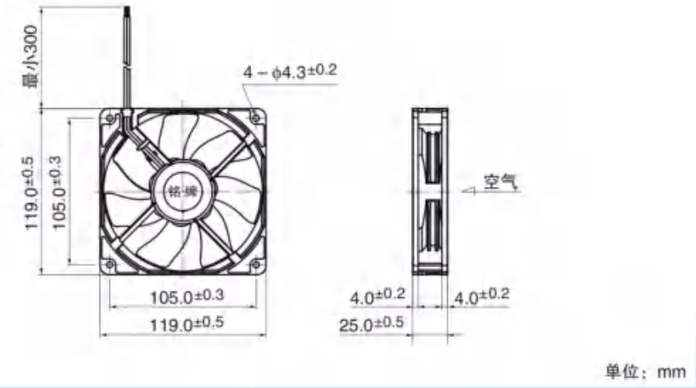
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HH- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 120 X 120 X 25mm (Mass:140g)

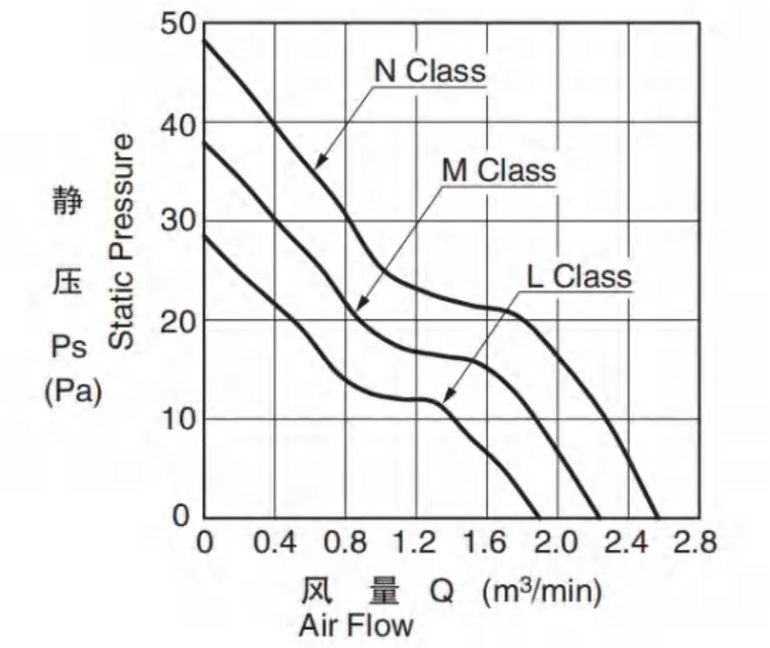
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212L-A | 12 | 7.2-13.8 | 0.13 | 1.56 | 1900 | 1.9 | 67.1 | 3.91 | 0.11 | 30.0 |
| SFD-FB1212M-A | | | 0.16 | 1.92 | 2200 | 2.25 | 79.4 | 5.14 | 0.15 | 33.5 |
| SFD-FB1212H-A | | | 0.24 | 2.88 | 2500 | 2.58 | 91.1 | 6.21 | 0.19 | 37.0 |
| SFD-FB1212HH-A | | | 0.4 | 4.8 | 3100 | 2.96 | 104.2 | 7.65 | 0.301 | 42.5 |
| SFD-FB1212VH-A | | | 0.5 | 6.0 | 3500 | 3.19 | 126.7 | 10.86 | 0.425 | 47.0 |
| SFD-FB1224L-A | 24 | 14.5~27.5 | 0.065 | 1.56 | 1900 | 1.9 | 67.1 | 3.91 | 0.11 | 30.0 |
| SFD-FB1224M-A | | | 0.08 | 1.92 | 2200 | 2.25 | 79.4 | 5.14 | 0.15 | 33.5 |
| SFD-FB1224H-A | | | 0.12 | 2.88 | 2500 | 2.58 | 91.1 | 6.21 | 0.19 | 37.0 |
| SFD-FB1212HH-A | | | 0.2 | 4.8 | 3100 | 2.96 | 104.2 | 7.65 | 0.301 | 42.5 |
| SFD-FB1224VH-A | | | 0.25 | 6.0 | 3500 | 3.19 | 126.7 | 10.86 | 0.425 | 47.0 |

### • Dimensions(unit:mm\inch)

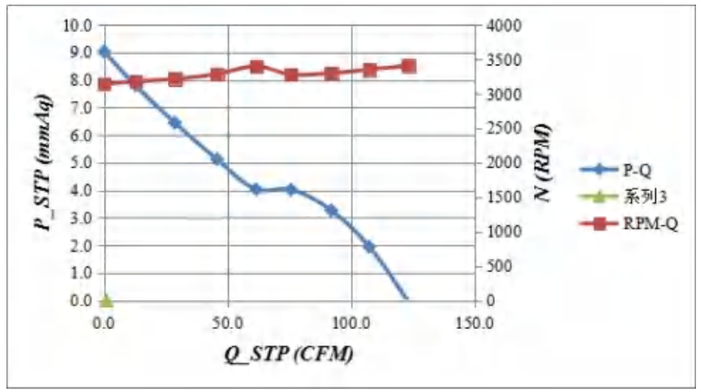


# SFD-FB 12025-A CE RS

**•Air Flow-Static Pressure Characteristics**




SFD-FB1224VH-A




# SFD-FB 12025-B CE RS

## 120mm DC FAN

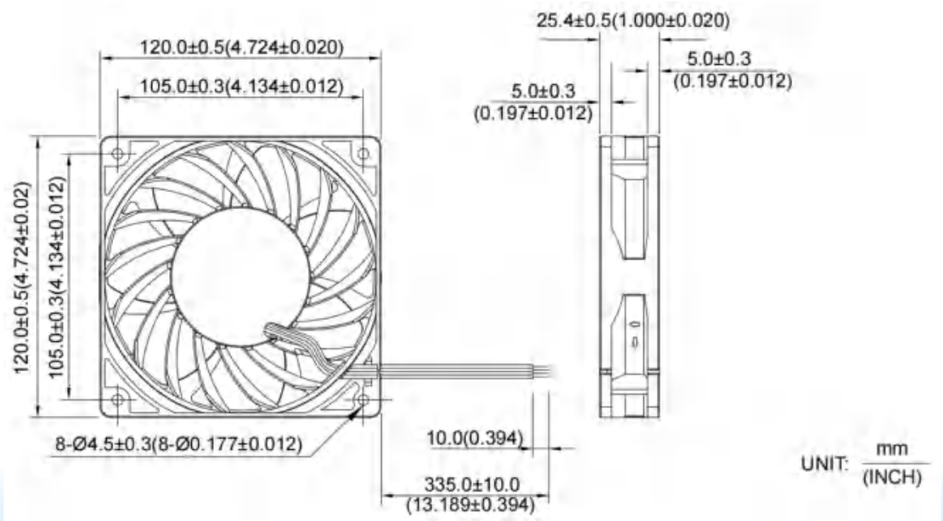
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1224XH-B- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X120 X 25mm (Mass:255g)**

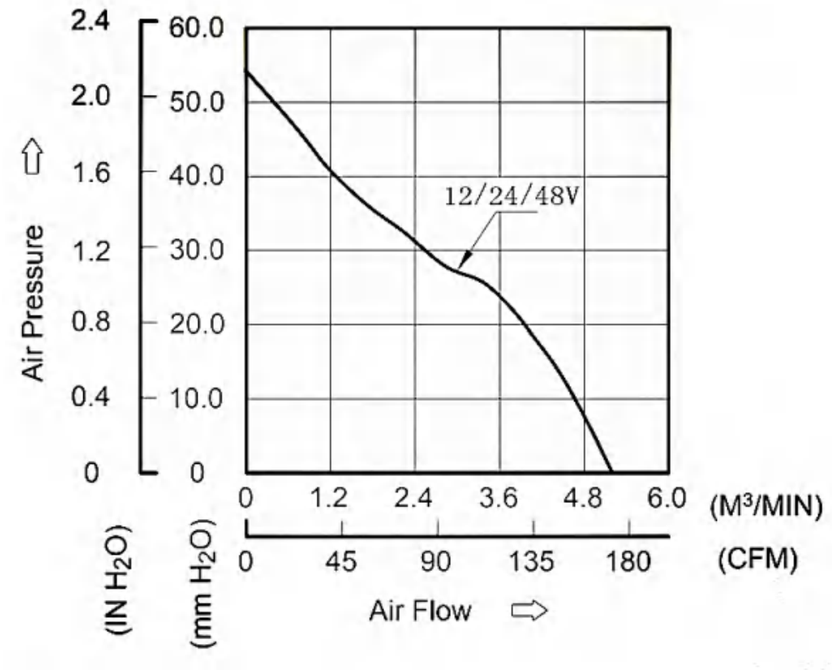
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212XH-B | 12 | 7.2-13.8 | 2.0 | 24.0 | 8300 | 4.94 | 174.53 | 54.33 | 2.13 | 65.5 |
| SFD-FB1224XH-B | 24 | 14.5~27.5 | 1.0 | 24.0 | 8300 | 4.94 | 174.53 | 54.33 | 2.13 | 65.5 |
| SFD-FB1248XH-B | 48 | 36.5~55.5 | 0.5 | 24.0 | 8300 | 4.94 | 174.53 | 54.33 | 2.13 | 65.5 |

**• Dimensions(unit:mm\inch)**



# SFD-FB 12025-B CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-FB 12038-B CE RS

## 120mm DC FAN

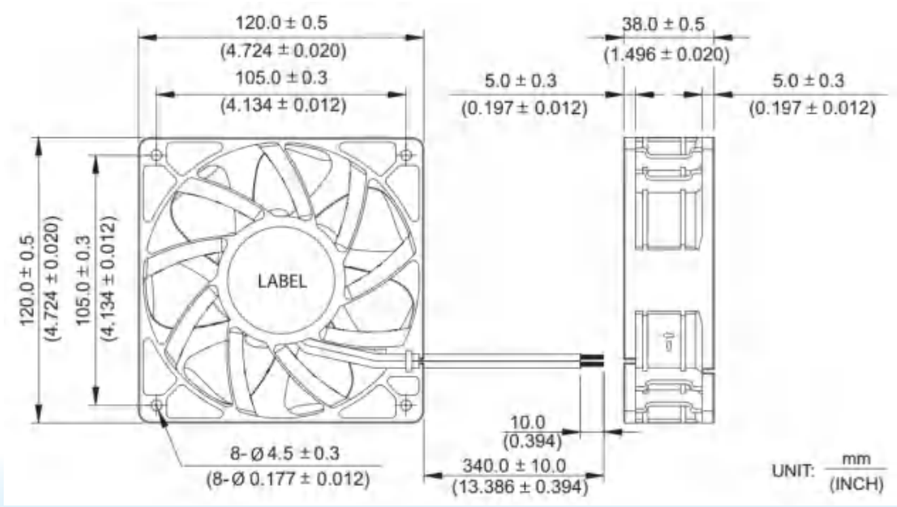
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HHE-BB R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X120 X38mm (Mass:200g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | ADC | ADC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EB1222LE-B | 220 | 60-240 | 0.018 | 4.0 | 3000 | 3.14 | 110.99 | 8.58 | 0.337 | 45.7 |
| SFD-EB1222ME-B | | | 0.023 | 5.0 | 3500 | 3.53 | 124.92 | 10.8 | 0.425 | 49.3 |

**•Air Flow-Static Pressure Characteristics**



## 120mm DC FAN

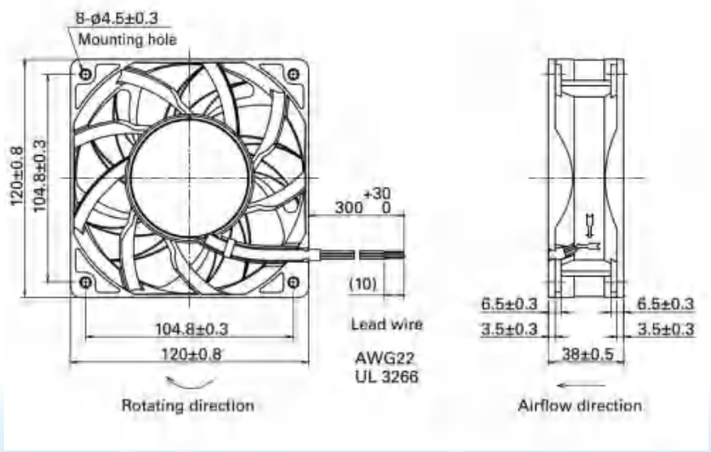
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------+40000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HHE-C- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 120 X 120 X 38mm (Mass:420g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212UHE-C | 12 | 7.2-13.8 | 4.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1212XHE-C | | | 6.5 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |
| SFD-FB1224UHE-C | 24 | 14.5~27.5 | 2.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1224XHE-C | | | 3.25 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |
| SFD-FB1248UHE-C | 48 | 29.0~55.0 | 1.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1248XHE-C | | | 1.63 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |

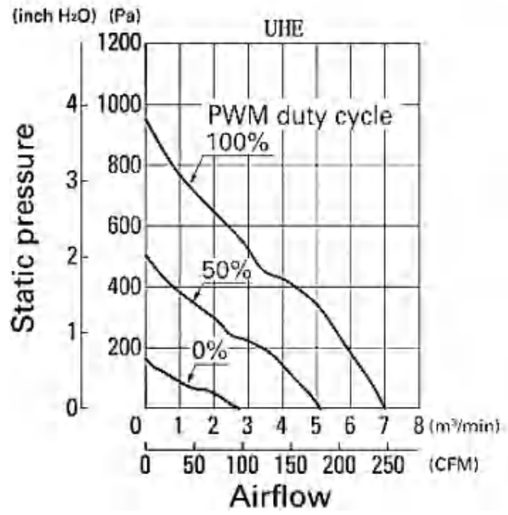
- **Dimensions(unit:mm\inch)**

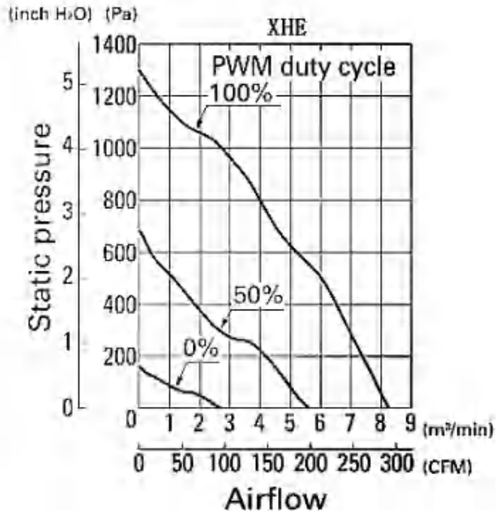





SFD-FB 12038-C CE RS

- **Air Flow-Static Pressure Characteristics**



## 120mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
20000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HE-D B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

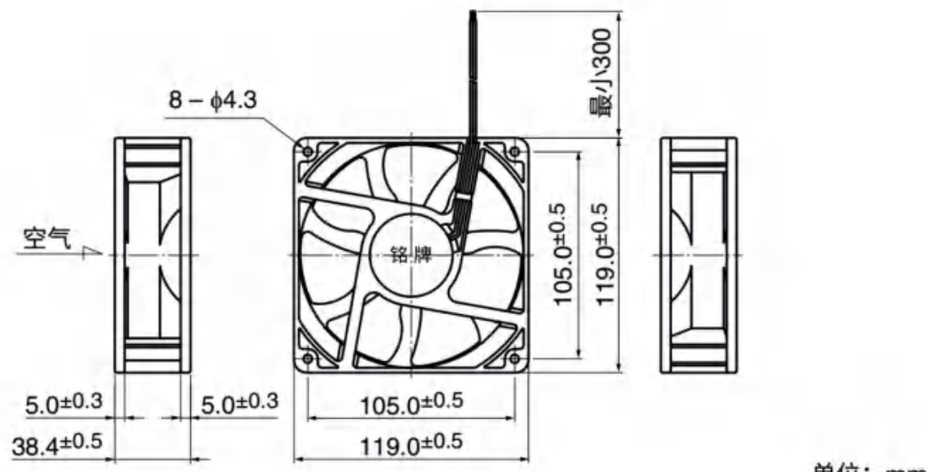
**120 X 120 X 38mm (Mass:180g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212LE-D | 12 | 7.2-13.8 | 0.55 | 6.6 | 2950 | 3.07 | 108.4 | 6.86 | 0.27 | 42.5 |
| SFD-FB1212ME-D | | | 0.7 | 8.4 | 3200 | 3.34 | 117.9 | 8.38 | 0.33 | 46.5 |
| SFD-FB1212HE-D | | | 1.0 | 12.0 | 3600 | 3.68 | 129.97 | 11.17 | 0.44 | 50.0 |
| SFD-FB1212HHE-D | | | 1.3 | 15.6 | 4200 | 4.04 | 142.5 | 13.97 | 0.55 | 54.5 |
| SFD-FB1224LE-D | 24 | 14.5~27.5 | 0.275 | 6.6 | 2950 | 3.07 | 108.4 | 6.86 | 0.27 | 42.5 |
| SFD-FB1224ME-D | | | 0.35 | 8.4 | 3200 | 3.34 | 117.9 | 8.38 | 0.33 | 46.5 |
| SFD-FB1224HE-D | | | 0.5 | 12.0 | 3600 | 3.68 | 129.97 | 11.17 | 0.44 | 50.0 |
| SFD-FB1224HHE-D | | | 0.65 | 15.6 | 4200 | 4.04 | 142.5 | 13.97 | 0.55 | 54.5 |
| SFD-FB1248LE-D | 48 | 29.0~55.0 | 0.14 | 6.72 | 2950 | 3.07 | 108.4 | 6.86 | 0.27 | 42.5 |
| SFD-FB1248ME-D | | | 0.18 | 8.64 | 3200 | 3.34 | 117.9 | 8.38 | 0.33 | 46.5 |
| SFD-FB1248HE-D | | | 0.25 | 12.0 | 3600 | 3.68 | 129.97 | 11.17 | 0.44 | 50.0 |
| SFD-FB1248HHE-D | | | 0.33 | 15.846 | 4200 | 4.04 | 142.5 | 13.97 | 0.55 | 54.5 |



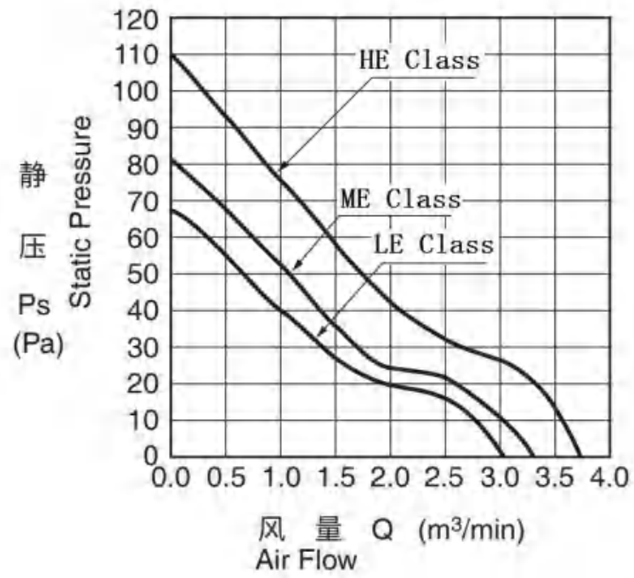
SFD-FB 12038-D CE RS

- **Dimensions(unit:mm\inch)**




单位：mm

- **Air Flow-Static Pressure Characteristics**

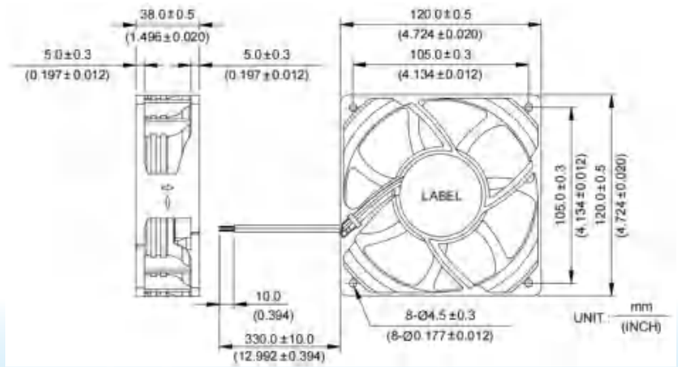


Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
20000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212GHE-D1 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:330g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212SHE-D1 | 12 | 7.2-13.8 | 1.25 | 15.00 | 4100 | 5.394 | 190.48 | 17.64 | 0.694 | 55.5 |
| SFD-FB1212EHE-D1 | | | 1.80 | 21.60 | 4600 | 6.019 | 212.57 | 21.43 | 0.844 | 58.5 |
| SFD-FB1212GHE-D1 | | | 2.45 | 29.40 | 5200 | 6.823 | 240.96 | 27.48 | 1.082 | 62.0 |
| SFD-FB1224SHE-D1 | 24 | 14.5~27.5 | 0.62 | 14.88 | 4100 | 5.394 | 190.48 | 17.64 | 0.694 | 55.5 |
| SFD-FB1224EHE-D1 | | | 0.85 | 20.40 | 4600 | 6.019 | 212.57 | 21.43 | 0.844 | 58.5 |
| SFD-FB1224GHE-D1 | | | 1.15 | 27.6 | 5200 | 6.823 | 240.96 | 27.48 | 1.082 | 62.0 |
| SFD-FB1248SHE-D1 | 48 | 29.0~55.0 | 0.31 | 14.88 | 4100 | 5.394 | 190.48 | 17.64 | 0.694 | 55.5 |
| SFD-FB1248EHE-D1 | | | 0.48 | 23.04 | 4600 | 6.019 | 212.57 | 21.43 | 0.844 | 58.5 |
| SFD-FB1248GHE-D1 | | | 0.6 | 28.8 | 5200 | 6.823 | 240.96 | 27.48 | 1.082 | 62.0 |

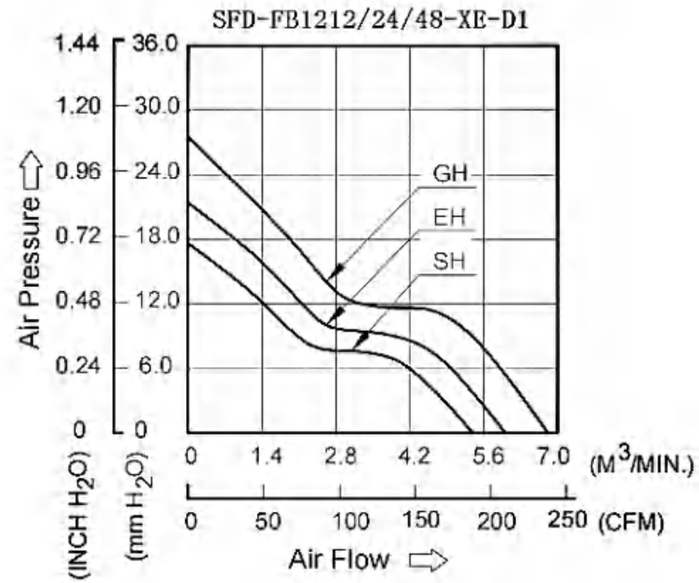
- **Dimensions(unit:mm\inch)**






SFD-FB 12038-D1 CE RS

- **Air Flow-Static Pressure Characteristics**



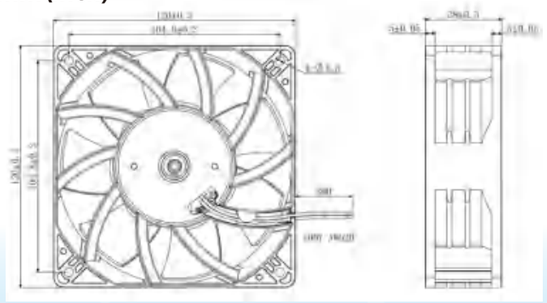
# SFD-FB 12038-E CE RS

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
20000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212GHE-D1 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

## 120 X 120 X 38mm (Mass:380g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212SHE-E | 12 | 7.2-13.8 | 1.1 | 13.2 | 4100 | 5.394 | 190.48 | 22.88 | 0.901 | 56.5 |
| SFD-FB1212EHE-E | | | 1.9 | 22.8 | 4600 | 6.019 | 212.57 | 26.31 | 1.036 | 59.5 |
| SFD-FB1212GHE-E | | | 2.6 | 31.2 | 5200 | 6.823 | 240.96 | 34.56 | 1.361 | 63.0 |
| SFD-FB1212UHE-E | | | 3.4 | 40.8 | 5800 | 7.26 | 255.62 | 39.65 | 1.561 | 67.0 |
| SFD-FB1224SHE-E | 24 | 14.5~27.5 | 0.55 | 13.2 | 4100 | 5.394 | 190.48 | 22.88 | 0.901 | 56.5 |
| SFD-FB1224EHE-E | | | 0.95 | 22.8 | 4600 | 6.019 | 212.57 | 26.31 | 1.036 | 59.5 |
| SFD-FB1224GHE-E | | | 1.3 | 31.2 | 5200 | 6.823 | 240.96 | 34.56 | 1.361 | 63.0 |
| SFD-FB1224UHE-E | | | 1.7 | 40.8 | 5800 | 7.26 | 255.62 | 39.65 | 1.561 | 67.0 |
| SFD-FB1248SHE-E | 48 | 29.0~55.0 | 0.275 | 13.2 | 4100 | 5.394 | 190.48 | 22.88 | 0.901 | 56.5 |
| SFD-FB1248EHE-E | | | 0.475 | 22.8 | 4600 | 6.019 | 212.57 | 26.31 | 1.036 | 59.5 |
| SFD-FB1248GHE-E | | | 0.65 | 31.2 | 5200 | 6.823 | 240.96 | 34.56 | 1.361 | 63.0 |
| SFD-FB1248UHE-E | | | 0.85 | 40.8 | 5800 | 7.26 | 255.62 | 39.65 | 1.561 | 67.0 |

• **Dimensions(unit:mm\inch)**

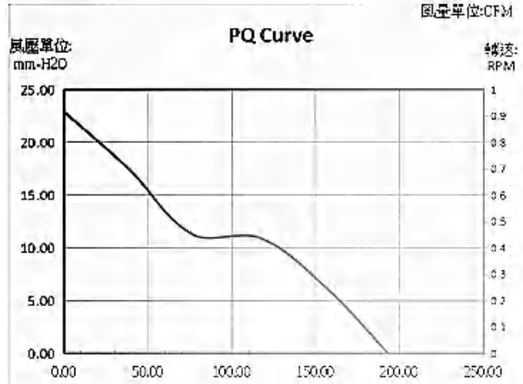




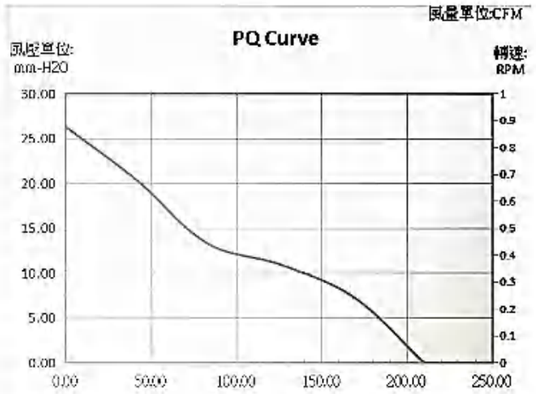
SFD-FB 12038-E CE RS

• **Air Flow-Static Pressure Characteristics**

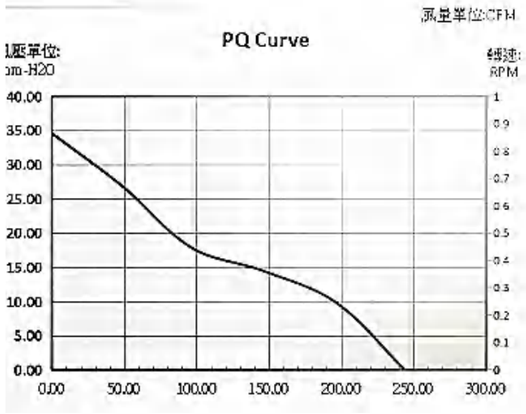
SHE-E-12/24/48V



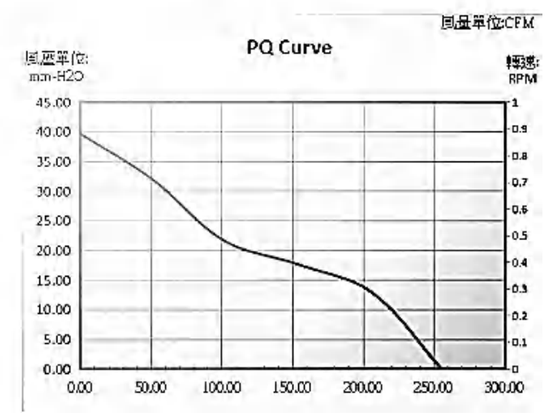

EHE-E-12/24/48V




GHE-E-12/24/48V




UHE-E-12/24/48V



## 127mm DC FAN

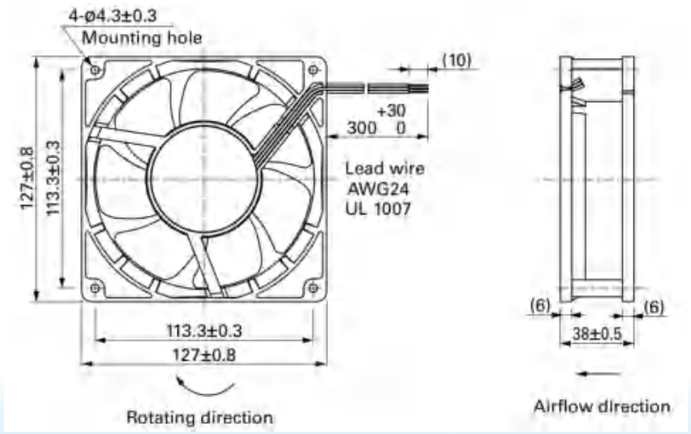
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------40000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1312HE-C- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 127 X 127 X 38mm (Mass:355g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1312ME-A | 12 | 7.2-13.8 | 0.86 | 10.32 | 2950 | 3.8 | 134.0 | 10.0 | 0.394 | 45.0 |
| SFD-FB1312HE-A | | | 1.32 | 15.84 | 3300 | 4.2 | 148.0 | 11.98 | 0.472 | 47.0 |
| SFD-FB1324ME-A | 24 | 14.5~27.5 | 0.43 | 10.32 | 2950 | 3.8 | 134.0 | 10.0 | 0.394 | 45.0 |
| SFD-FB1324HE-A | | | 0.66 | 15.84 | 3300 | 4.2 | 148.0 | 11.98 | 0.472 | 47.0 |
| SFD-FB1348ME-A | 48 | 29.0~55.0 | 0.215 | 10.32 | 2950 | 3.8 | 134.0 | 10.0 | 0.394 | 45.0 |
| SFD-FB1348HE-A | | | 0.33 | 15.84 | 3300 | 4.2 | 148.0 | 11.98 | 0.472 | 47.0 |

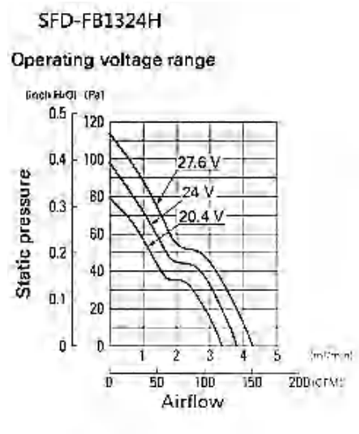
- **Dimensions(unit:mm\inch)**

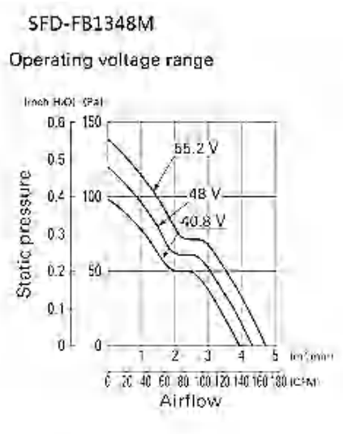


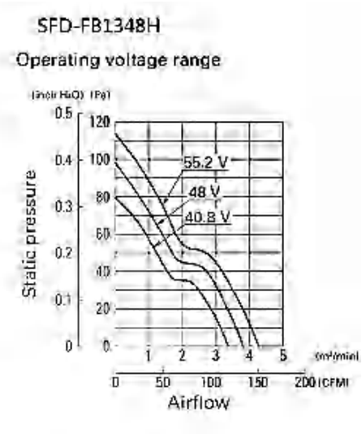


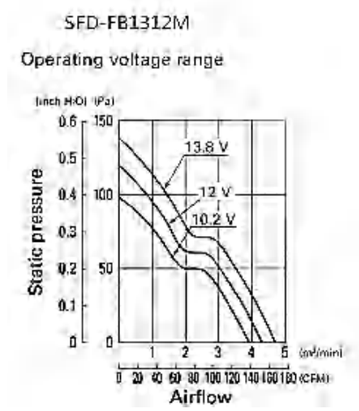

SFD-FB 12738-A CE RS

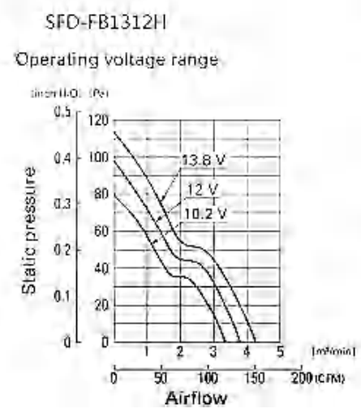
- **Air Flow-Static Pressure Characteristics**

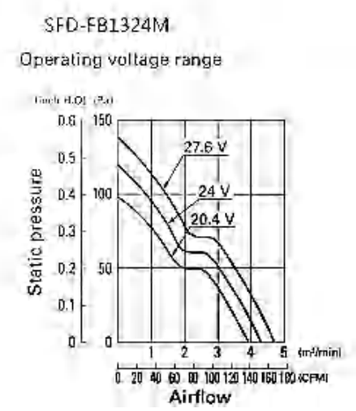


## 140mm DC FAN

### General Specifications

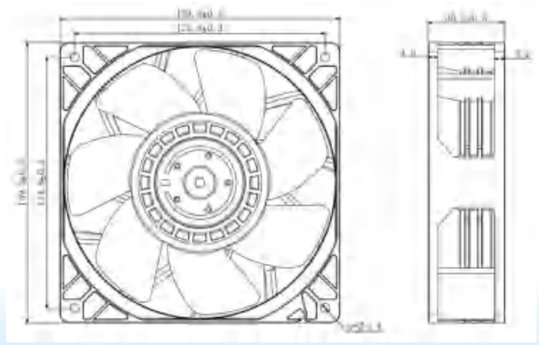
Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1412VHE-C-

Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**140 X 140 X 38mm (Mass:488g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1412HHE-A | 12 | 7.2-13.8 | 4 | 48 | 5000 | 9.24 | 325.2 | 49.78 | 1.96 | 68 |
| SFD-FB1412VHE-A | | | 6 | 72 | 6000 | 10.83 | 381.2 | 64.77 | 2.55 | 74.5 |
| SFD-FB1412SHE-A | | | 7 | 84 | 6500 | 11.65 | 410.1 | 69.85 | 2.75 | 76.5 |
| SFD-FB1424HHE-A | 24 | 14.5~27.5 | 2 | 48 | 5000 | 9.24 | 325.2 | 49.78 | 1.96 | 68 |
| SFD-FB1424VHE-A | | | 3 | 72 | 6000 | 10.83 | 381.2 | 64.77 | 2.55 | 74.5 |
| SFD-FB1424SHE-A | | | 3.5 | 84 | 6500 | 11.65 | 410.1 | 69.85 | 2.75 | 76.5 |
| SFD-FB1448HHE-A | 48 | 29.0~55.0 | 1 | 48 | 5000 | 9.24 | 325.2 | 49.78 | 1.96 | 68 |
| SFD-FB1448VHE-A | | | 1.5 | 72 | 6000 | 10.83 | 381.2 | 64.77 | 2.55 | 74.5 |
| SFD-FB1448SHE-A | | | 1.75 | 84 | 6500 | 11.65 | 410.1 | 69.85 | 2.75 | 76.5 |

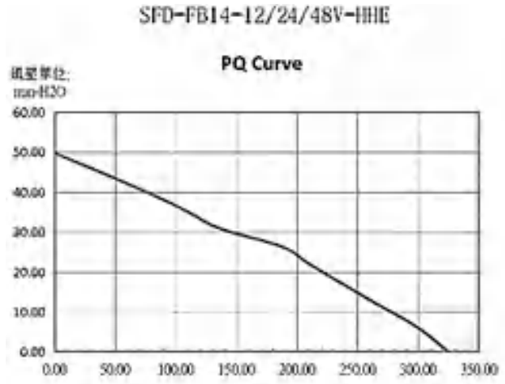
- **Dimensions(unit:mm\inch)**

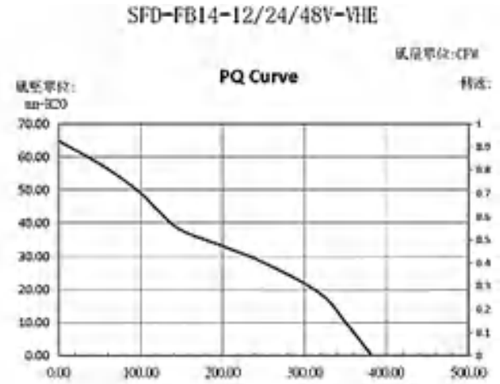


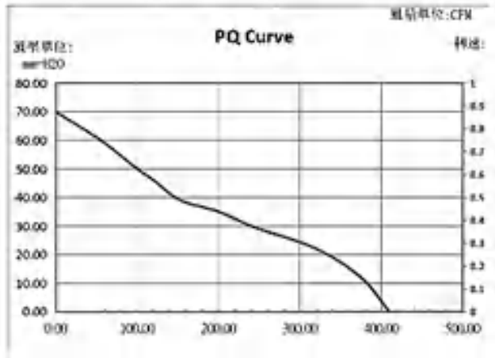


SFD-FB 14038-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 140mm DC FAN

### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------40000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1412HHG-

Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

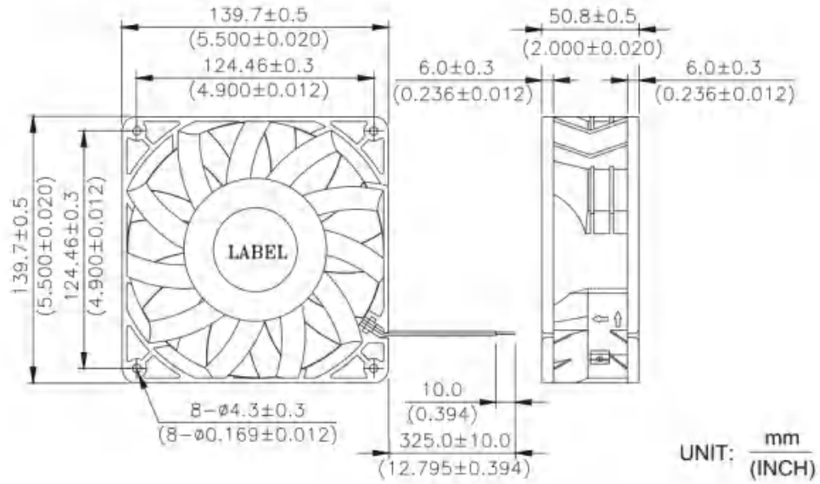
### 140 X 140 X 51mm (Mass:670g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1412HHG | 12 | 7.2-13.8 | 1.42 | 17.04 | 2800 | 6.222 | 219.73 | 12.84 | 0.506 | 54.5 |
| SFD-FB1412SHG | | | 1.82 | 21.84 | 3200 | 7.139 | 252.11 | 16.36 | 0.644 | 58.5 |
| SFD-FB1412VHG | | | 3.1 | 37.2 | 3600 | 7.733 | 273.09 | 19.84 | 0.781 | 61.5 |
| SFD-FB1424HHG | 24 | 14.5~27.5 | 0.71 | 17.04 | 2800 | 6.222 | 219.73 | 12.84 | 0.506 | 54.5 |
| SFD-FB1424SHG | | | 0.91 | 21.84 | 3200 | 7.139 | 252.11 | 16.36 | 0.644 | 58.5 |
| SFD-FB1424VHG | | | 1.53 | 36.72 | 3600 | 7.733 | 273.09 | 19.84 | 0.781 | 61.5 |
| SFD-FB1448HHG | 48 | 29.0~55.0 | 0.36 | 17.28 | 2800 | 6.222 | 219.73 | 12.84 | 0.506 | 54.5 |
| SFD-FB1448SHG | | | 0.46 | 22.08 | 3200 | 7.139 | 252.11 | 16.36 | 0.644 | 58.5 |
| SFD-FB1448VHG | | | 0.77 | 36.96 | 3600 | 7.733 | 273.09 | 19.84 | 0.781 | 61.5 |



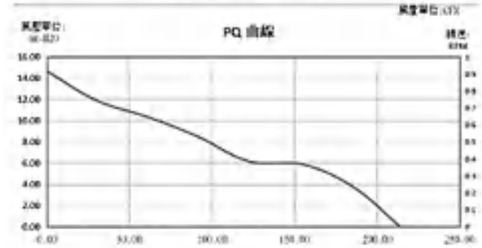
SFD-FB 14051 CE RS

- **Dimensions(unit:mm\inch)**

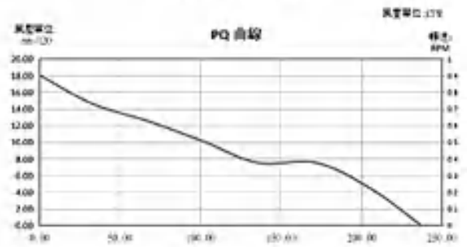



- **Air Flow-Static Pressure Characteristics**

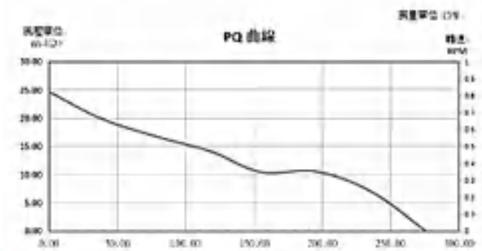
FB14-12/24/48HHG




FB14-12/24/48VHG




FB14-12/24/48SHG



# DC Aluminum Frame Fan
# DC铝框风扇



## SFD-FB 4028-D CE RS

### 40mm DC FAN

**General Specifications**

**General Specifications**

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire------~~Red~~+ -Black (Sensor) Brown (Control) Yellow
UL 1430 AWG#26 OR Equivalent
Storage Temperatur---30℃ ~ + 70℃ (Non-comdensing)
Bearing Type---~~B~~all Bearings Sleeve
Speed Range---?0%
Part Numbering System

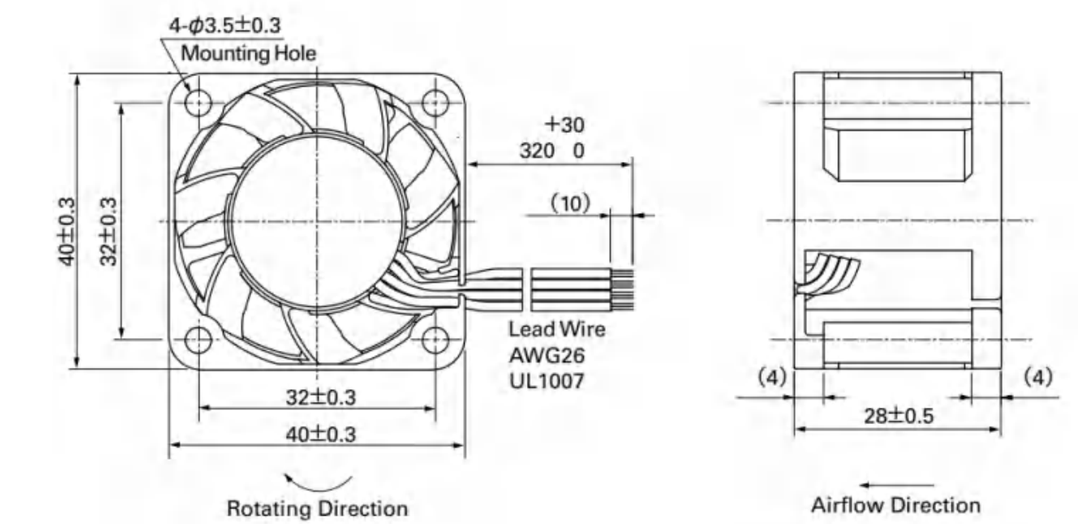
SFD-FB0412HN-D B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

**40 X 40 X 28 mm ( Mass: 68g)**

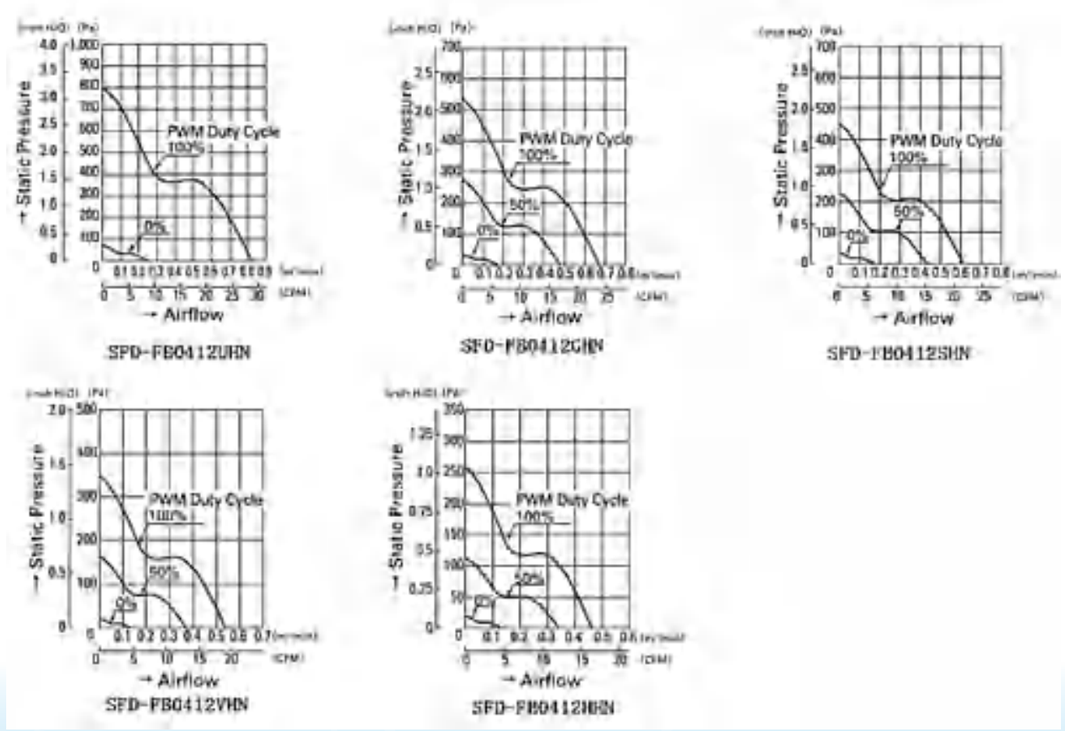
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412HHN-D | 12 | 9.5~13.2 | 0.24 | 2.88 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0412VHN-D | | | 0.29 | 3.48 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |
| SFD-FB0412SHN-D | | | 0.46 | 5.52 | 16500 | 0.61 | 21.5 | 45.9 | 1.81 | 53.5 |
| SFD-FB0412GHN-D | | | 0.6 | 7.2 | 18000 | 0.67 | 23.7 | 54.6 | 2.15 | 55 |
| SFD-FB0412UHN-D | | | 1.1 | 13.2 | 22000 | 0.81 | 28.6 | 81.5 | 3.21 | 61 |
| SFD-FB0424HHN-D | 24 | 13.5~26 | 0.12 | 2.88 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0424VHN-D | | | 0.145 | 3.48 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |
| SFD-FB0424SHN-D | | | 0.23 | 5.52 | 16500 | 0.61 | 21.5 | 45.9 | 1.81 | 53.5 |
| SFD-FB0424GHN-D | | | 0.3 | 7.2 | 18000 | 0.67 | 23.7 | 54.6 | 2.15 | 55 |
| SFD-FB0424UHN-D | | | 0.55 | 13.2 | 22000 | 0.81 | 28.6 | 81.5 | 3.21 | 61 |

# SFD-FB 4028-D CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






Email：sales@catr.net Phone & WeChat：0086-15271920979

# SFD-FB 6025-D CE RS

## 60mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics（Flammability:UL94V-0）
Lead Wire -----+Red -Black （Sensor）Yellow（Control）Brown
Life time ----------50000 Ball bearing
Storage Temperatur---40℃ ~+70℃（Non-comdensing）
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

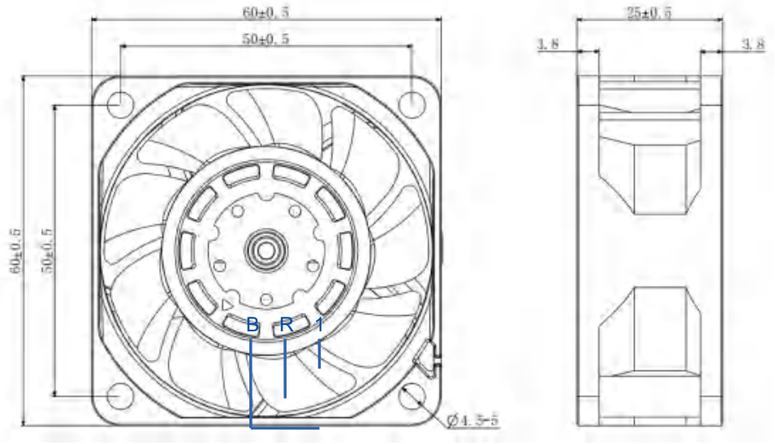
SFD-FB0612GH-DB R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo

**60 X 60 X 25 mm（Mass: 112g）**

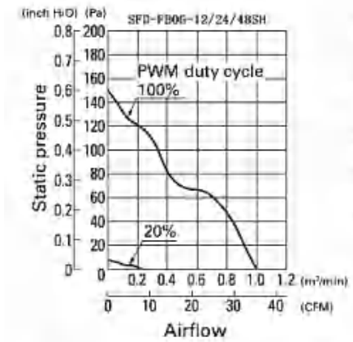
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0612SH-D | 12 | 7.5~13.2 | 0.35 | 4.2 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0612GH-D | | | 0.5 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0612UH-D | | | 0.68 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0612XH-D | | | 1.1 | 13.2 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |
| SFD-FB0624SH-D | 24 | 13.5~26.2 | 0.175 | 4.2 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0624GH-D | | | 0.25 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0624UH-D | | | 0.34 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0624XH-D | | | 0.55 | 13.2 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |
| SFD-FB0648SH-D | 48 | 36~55.4 | 0.09 | 4.32 | 7800 | 1.0 | 35.3 | 150 | 0.6 | 43.5 |
| SFD-FB0648GH-D | | | 0.125 | 6.0 | 9500 | 1.21 | 42.7 | 224 | 0.9 | 49.5 |
| SFD-FB0648UH-D | | | 0.17 | 8.16 | 11000 | 1.4 | 49.4 | 300 | 1.2 | 53.5 |
| SFD-FB0648XH-D | | | 0.28 | 13.4 | 13800 | 1.8 | 63.5 | 448 | 1.8 | 62.5 |

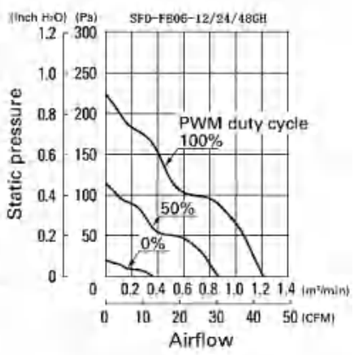
# SFD-FB 6025-D CE RS

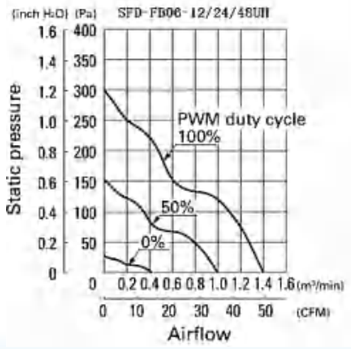
- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**






CATR Email：sales@catr.net Phone & WeChat：0086-15271920979

# SFD-FB 8025-C CE RS

## 80mm DC FAN

### General Specifications

Material ------~~Frame~~:Aluminum,Impeller
Impeller:Plastics（Flammability:UL94V-0）
Lead Wire -----+~~Red~~ -Black（Control） Yellow（Sensor)Brown
Life time ------~~25000~~ Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur---30℃ ~+70℃（Non-comdensing)
Bearing Type---~~Ball~~ Bearings Sleeve
Speed Range---~~?0~~%
Part Numbering System

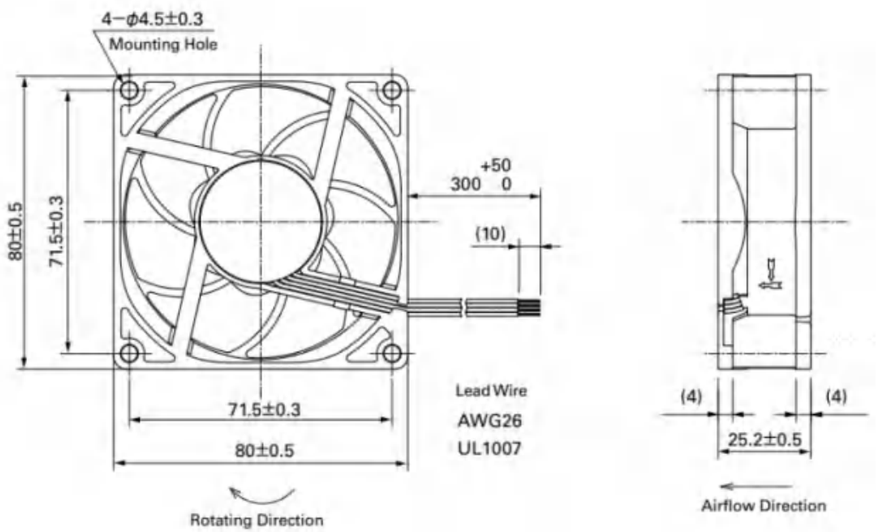
SFD-FB0812HH-C B R 1
- 1 Waterproof level:0=no,1=IP55,2=IP68
- R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM
- B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo

**80 X 80 X 25 mm（Mass: 140g）**

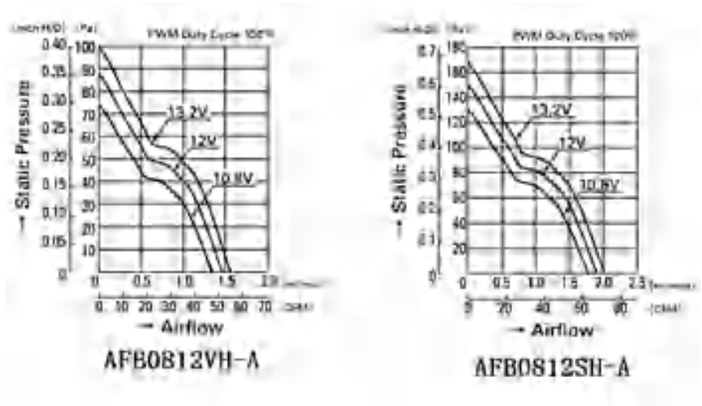
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812L-C | 12 | 7.5~13.2 | 0.06 | 0.72 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0812M-C | | | 0.08 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0812H-C | | | 0.12 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0812HH-C | | | 0.18 | 2.16 | 3500 | 1.01 | 35.5 | 40.5 | 0.16 | 28 |
| SFD-FB0812VH-C | | | 0.22 | 2.64 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0812SH-C | | | 0.48 | 5.76 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0812GH-C | | | 0.6 | 7.2 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0824L-C | 24 | 14.5~27.5 | 0.02 | 0.48 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0824M-C | | | 0.04 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0824H-C | | | 0.6 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0824HH-C | | | 0.09 | 2.16 | 3500 | 1.01 | 35.5 | 40.5 | 0.16 | 28 |
| SFD-FB0824VH-C | | | 0.1 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0824SH-C | | | 0.21 | 5.046 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0824GH-C | | | 0.28 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0848VH-C | 48 | 29.0-55.0 | 0.005 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0848SH-C | | | 0.11 | 5.28 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0848GH-C | | | 0.14 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |

# SFD-FB 8025-C CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**




# SFD-FB 9225-D CE RS

## 92mm DC FAN

### General Specifications

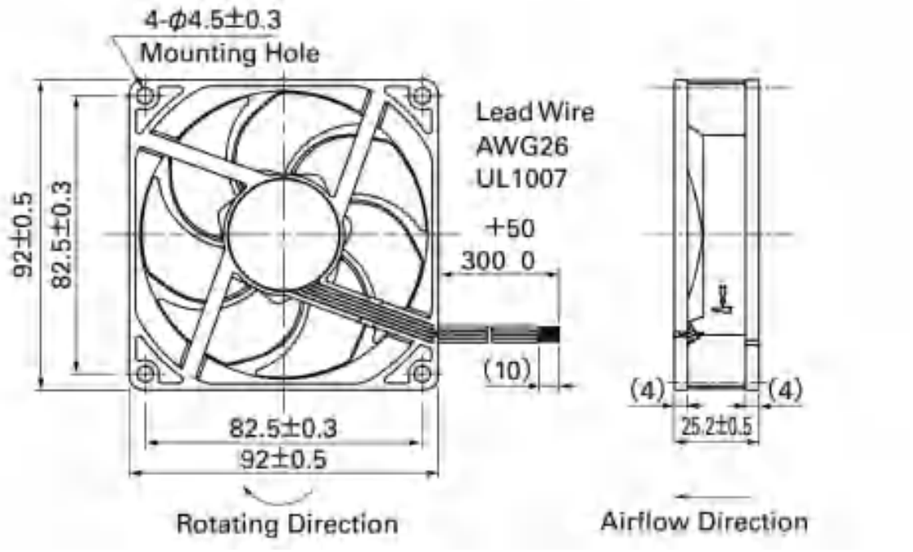
Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Brown (Control)Yellow
Life time ----------25000 Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System
SFD-FB0912HH-D B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo

**92 X 92 X 25mm (Mass: 150g)**

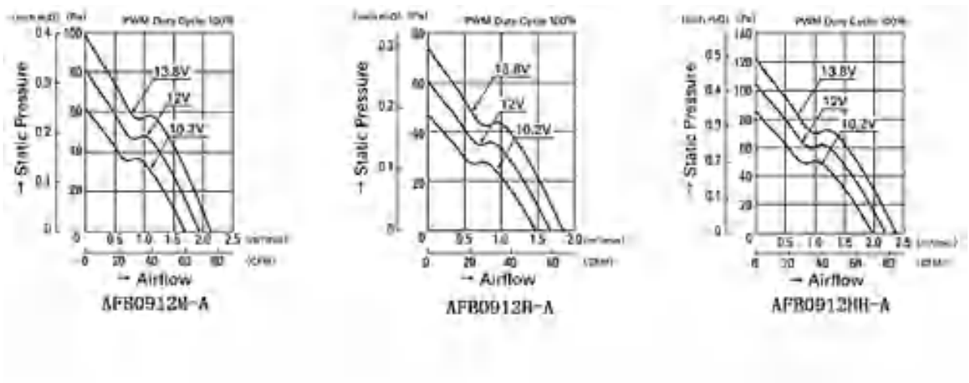
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0912L-D | 12 | 7.2-13.8 | 0.06 | 0.72 | 1500 | 0.66 | 23.3 | 9.5 | 0.04 | 15 |
| SFD-FB0912M-D | | | 0.2 | 2.4 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0912H-D | | | 0.28 | 3.36 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0912HH-D | | | 0.39 | 4.68 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |
| SFD-FB0924L-D | 24 | 14.5~27.5 | 0.04 | 0.96 | 1500 | 0.66 | 23.3 | 9.5 | 0.04 | 15 |
| SFD-FB0924M-D | | | 0.12 | 2.88 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0924H-D | | | 0.15 | 3.6 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0924HH-D | | | 0.2 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |
| SFD-FB0948M-D | 48 | 29.0~55.0 | 0.06 | 0.96 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-FB0948H-D | | | 0.08 | 3.84 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-FB0948HH-D | | | 0.1 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |

# SFD-FB 9225-D CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB 9238-C CE RS

## 92mm DC FAN

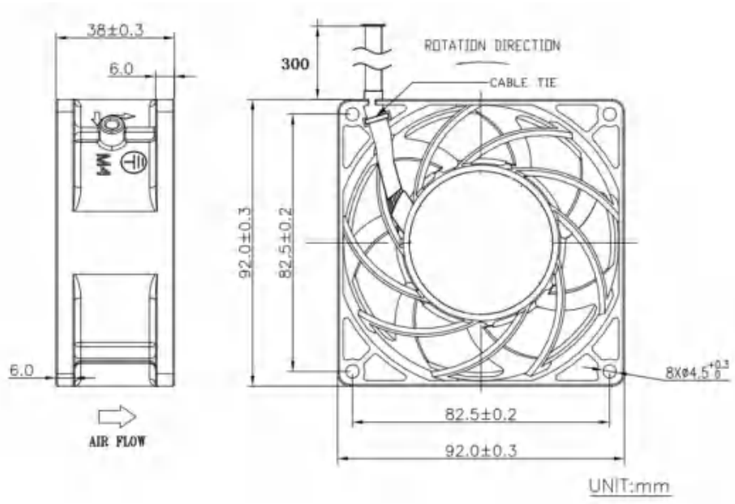
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912UHE-C B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**92 X 92 X 38mm (Mass:322g)**

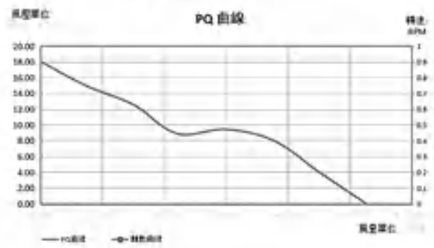
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mmH2O | IN H2O | dB-A |
| SFD-FB0912HHE-C | 12 | 7.2-13.8 | 0.87 | 10.45 | 6000 | 2.99 | 105.35 | 18.03 | 0.71 | 52.0 |
| SFD-FB0912VHE-C | | | 1.25 | 15.00 | 7000 | 3.47 | 122.07 | 24.87 | 0.98 | 56.0 |
| SFD-FB0912SHE-C | | | 1.76 | 21.1 | 8000 | 3.98 | 140.11 | 32.97 | 1.298 | 59.0 |
| SFD-FB0912EHE-C | | | 2.5 | 30.0 | 9000 | 4.52 | 159.07 | 41.64 | 1.64 | 62.0 |
| SFD-FB0912GHE-C | | | 3.3 | 39.6 | 10000 | 4.99 | 175.84 | 50.86 | 2.00 | 64.5 |
| SFD-FB0912UHE-C | | | 5.0 | 60.0 | 11500 | 5.71 | 201.03 | 64.11 | 2.52 | 68.5 |
| SFD-FB0924HHE-C | 24 | 14.5~27.5 | 0.44 | 10.45 | 6000 | 2.99 | 105.35 | 18.03 | 0.71 | 52.0 |
| SFD-FB0924VHE-C | | | 0.63 | 15.00 | 7000 | 3.47 | 122.07 | 24.87 | 0.98 | 56.0 |
| SFD-FB0924SHE-C | | | 0.88 | 21.1 | 8000 | 3.98 | 140.11 | 32.97 | 1.298 | 59.0 |
| SFD-FB0924EHE-C | | | 1.25 | 30.0 | 9000 | 4.52 | 159.07 | 41.64 | 1.64 | 62.0 |
| SFD-FB0924GHE-C | | | 1.65 | 39.6 | 10000 | 4.99 | 175.84 | 50.86 | 2.00 | 64.5 |
| SFD-FB0924UHE-C | | | 2.5 | 60.0 | 11500 | 5.71 | 201.03 | 64.11 | 2.52 | 68.5 |
| SFD-FB0948HHE-C | 48 | 29.0~55.0 | 0.22 | 10.45 | 6000 | 2.99 | 105.35 | 18.03 | 0.71 | 52.0 |
| SFD-FB0948VHE-C | | | 0.31 | 15.00 | 7000 | 3.47 | 122.07 | 24.87 | 0.98 | 56.0 |
| SFD-FB0948SHE-C | | | 0.43 | 21.1 | 8000 | 3.98 | 140.11 | 32.97 | 1.298 | 59.0 |
| SFD-FB0948EHE-C | | | 0.625 | 30.0 | 9000 | 4.52 | 159.07 | 41.64 | 1.64 | 62.0 |
| SFD-FB0948GHE-C | | | 0.825 | 39.6 | 10000 | 4.99 | 175.84 | 50.86 | 2.00 | 64.5 |
| SFD-FB0948UHE-C | | | 1.25 | 60.0 | 11500 | 5.71 | 201.03 | 64.11 | 2.52 | 68.5 |

- **Dimensions(unit:mm\inch)**

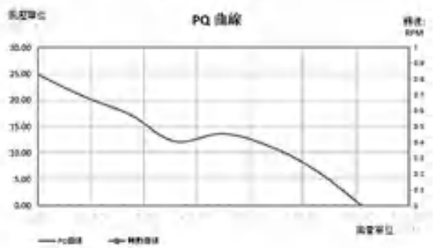



- **Air Flow-Static Pressure Characteristics**

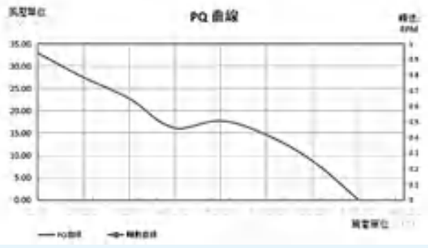
SFD-FB09-HHE-C



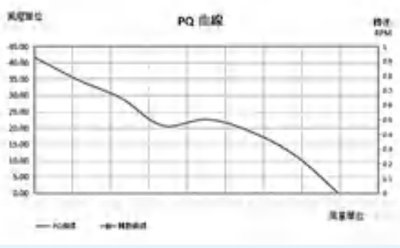

SFD-FB09-VHE-C




SFD-FB09-SHE-C



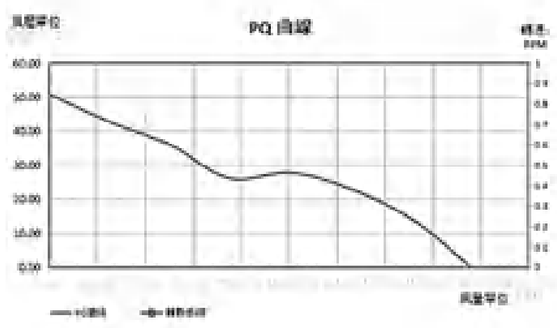

SFD-FB09-EHE-C



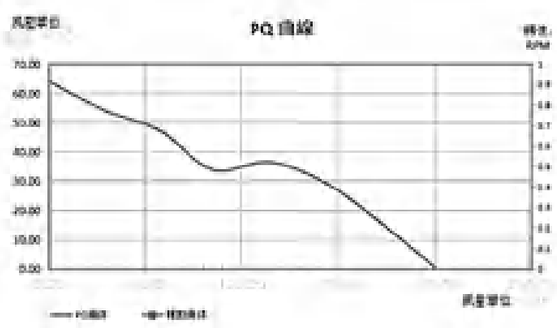



SFD-FB 9238-C CE RS

SFD-FB09-GHE-C




SFD-FB09-UHE-C



## 120mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Yellow (Control) Brown
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

SFD-FB1212XHE-C1B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

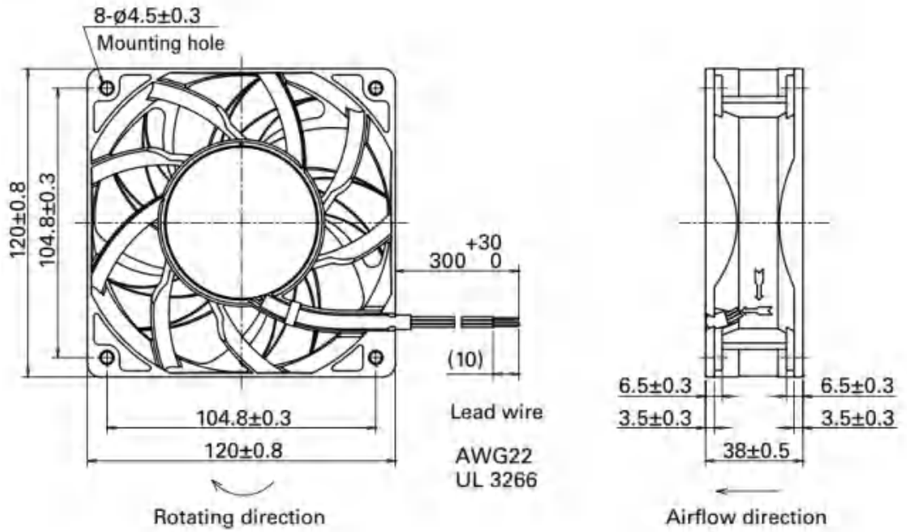
**120 X 120 X 38mm (Mass:550g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212UHE-C1 | 12 | 7.2-13.8 | 4.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1212XHE-C1 | | | 6.5 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |
| SFD-FB1224UHE-C1 | 24 | 14.5~27.5 | 2.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1224XHE-C1 | | | 3.25 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |
| SFD-FB1248UHE-C1 | 48 | 29.0~55.0 | 1.0 | 48 | 9600 | 7.0 | 247.0 | 97.0 | 3.82 | 70.5 |
| SFD-FB1248XHE-C1 | | | 1.63 | 78 | 11500 | 8.3 | 293.0 | 132.6 | 5.22 | 75.0 |

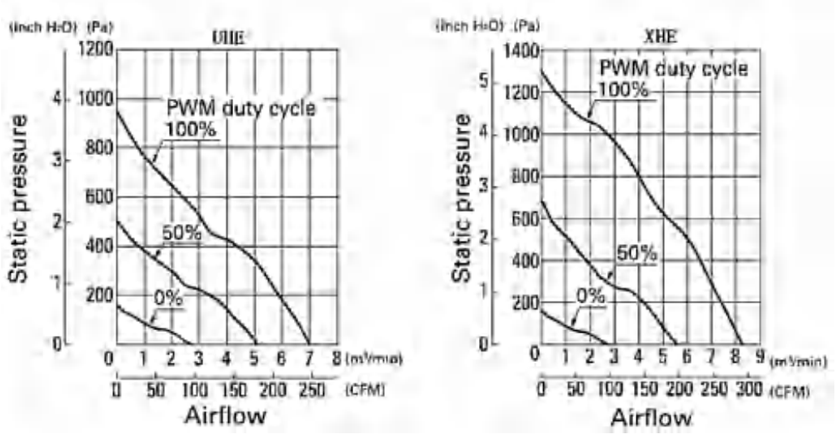


SFD-FB 12038-C1 CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**



# SFD-FB 12038-G CE RS

## 120mm DC FAN

### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212GHE-G

Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

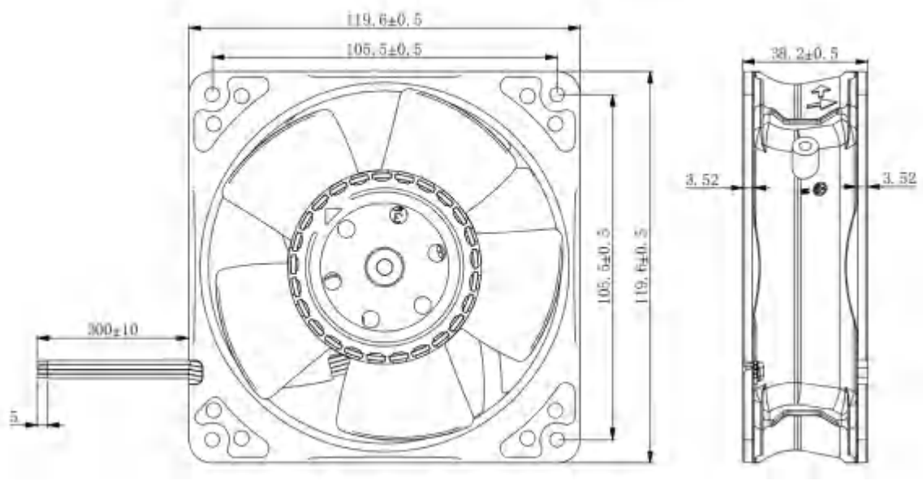
**120 X 120 X 38mm (Mass:420g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212HHE-G | 12 | 7.2-13.2 | 0.5 | 6.1 | 4000 | 3.38 | 118.96 | 15.03 | 0.592 | 52.5 |
| SFD-FB1212VHE-G | | | 0.9 | 10.8 | 5000 | 4.05 | 142.53 | 23.03 | 0.91 | 56.5 |
| SFD-FB1212SHE-E | | | 1.5 | 18.2 | 6000 | 4.84 | 170.54 | 32.02 | 1.26 | 60.5 |
| SFD-FB1212EHE-G | | | 3.4 | 40.8 | 7000 | 5.94 | 209.1 | 42.83 | 1.68 | 64.5 |
| SFD-FB1212GHE-G | | | 4.2 | 50.4 | 7600 | 6.44 | 226.89 | 51.11 | 2.01 | 68.5 |
| SFD-FB1224HHE-G | 24 | 14.5~27.5 | 0.25 | 6.1 | 4000 | 3.38 | 118.96 | 15.03 | 0.592 | 52.5 |
| SFD-FB1224VHE-G | | | 0.45 | 10.8 | 5000 | 4.05 | 142.53 | 23.03 | 0.91 | 56.5 |
| SFD-FB1224SHE-E | | | 0.75 | 18.2 | 6000 | 4.84 | 170.54 | 32.02 | 1.26 | 60.5 |
| SFD-FB1224EHE-G | | | 1.7 | 40.8 | 7000 | 5.94 | 209.1 | 42.83 | 1.68 | 64.5 |
| SFD-FB1224GHE-G | | | 2.1 | 50.4 | 7600 | 6.44 | 226.89 | 51.11 | 2.01 | 68.5 |
| SFD-FB1248HHE-G | 48 | 29.0~55.0 | 0.125 | 6.0 | 4000 | 3.38 | 118.96 | 15.03 | 0.592 | 52.5 |
| SFD-FB1248VHE-G | | | 0.225 | 10.8 | 5000 | 4.05 | 142.53 | 23.03 | 0.91 | 56.5 |
| SFD-FB1248SHE-E | | | 0.38 | 18.2 | 6000 | 4.84 | 170.54 | 32.02 | 1.26 | 60.5 |
| SFD-FB1248EHE-G | | | 0.85 | 40.8 | 7000 | 5.94 | 209.1 | 42.83 | 1.68 | 64.5 |
| SFD-FB1248GHE-G | | | 1.05 | 50.4 | 7600 | 6.44 | 226.89 | 51.11 | 2.01 | 68.5 |

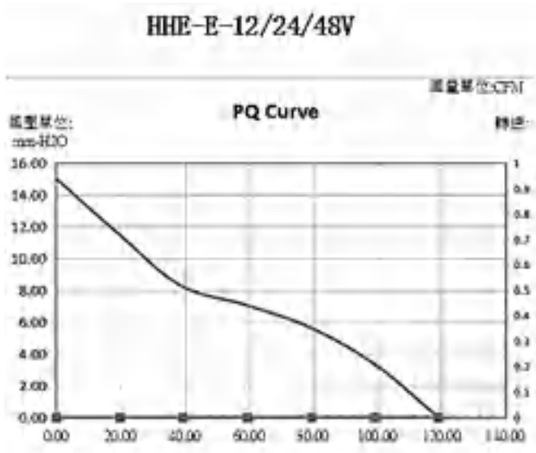


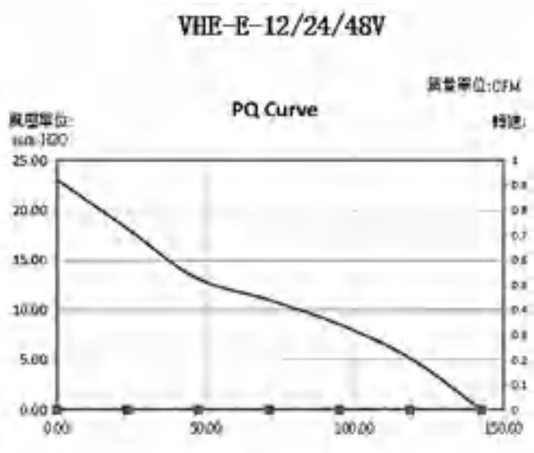
SFD-FB 12038-G CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**

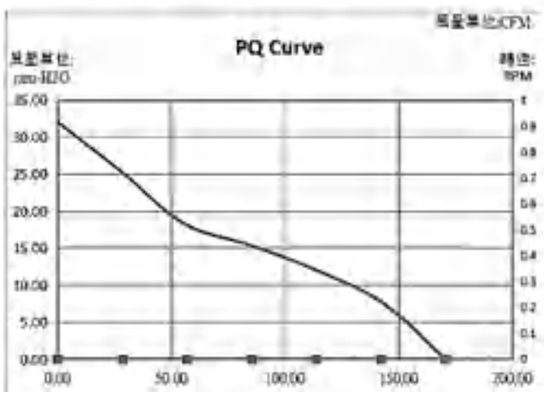


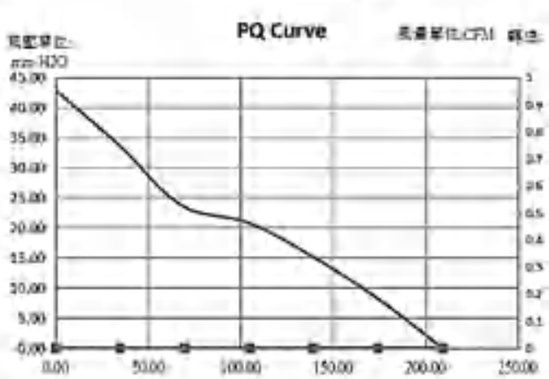
# SFD-FB 12038-G CE RS

•Air Flow-Static Pressure Characteristics

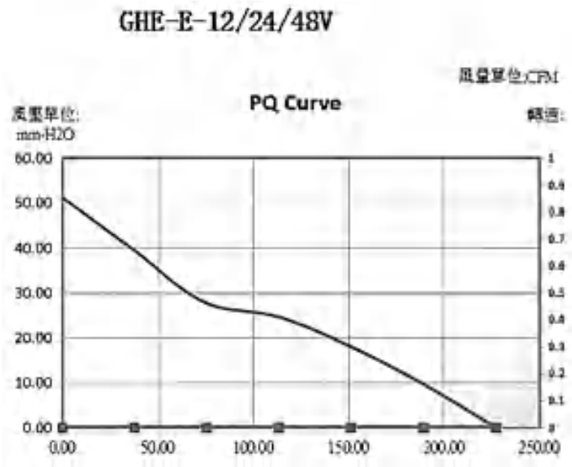
SHE-E-12/24/48V




EHE-E-12/24/48V




GHE-E-12/24/48V






# SFD-FB 12038-G1 CE RS

## 120mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Control) Yellow (Sensor) Brown
Life time ----------70000 Ball bearing
Storage Temperatur---30℃ ~+ 70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

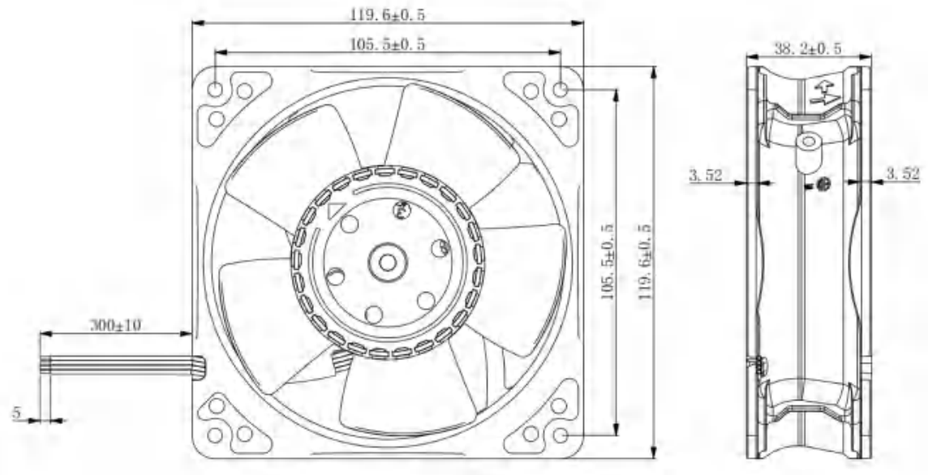
SFD-FB1212UHE-G1 B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:420g)**

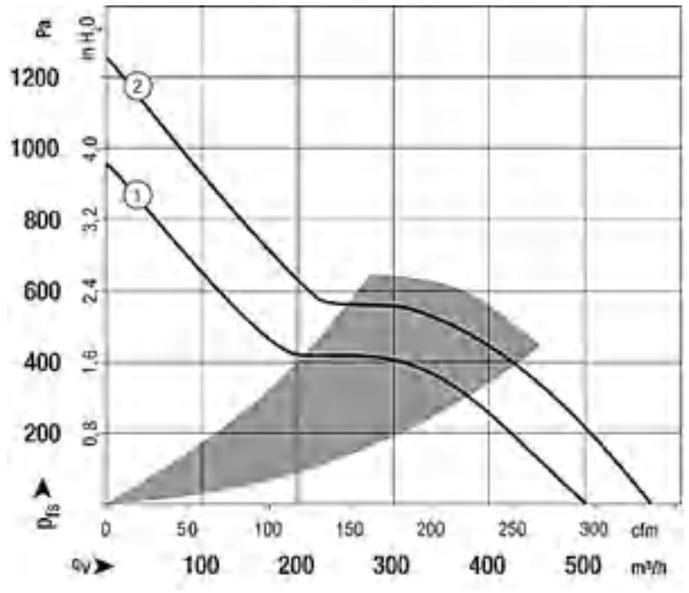
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212UHE-G1 | 12 | 7.2-13.2 | 7.4 | 88.8 | 9500 | 8.3 | 294 | 99.06 | 3.9 | 76 |
| SFD-FB1224UHE-G1 | 24 | 14.5~27.5 | 3.7 | 88.8 | 9500 | 8.3 | 294 | 99.06 | 3.9 | 76 |
| SFD-FB1224XHE-G1 | | | 5.0 | 120.0 | 11000 | 9.5 | 336 | 132.00 | 5.2 | 78 |
| SFD-FB1248UHE-G1 | 48 | 36.0~55.0 | 1.85 | 88.8 | 9500 | 8.3 | 294 | 99.06 | 3.9 | 76 |
| SFD-FB1248XHE-G1 | | | 2.5 | 120.0 | 11000 | 9.5 | 336 | 132.00 | 5.2 | 78 |

# SFD-FB 12038-G1 CE RS

**Dimensions(unit:mm₩inch)**




**•Air Flow-Static Pressure Characteristics**




# SFD-FB 12038-Q CE RS

## 120mm DC FAN

**General Specifications**

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Control) Yellow (Sensor) Brown
Life time ----------H70000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

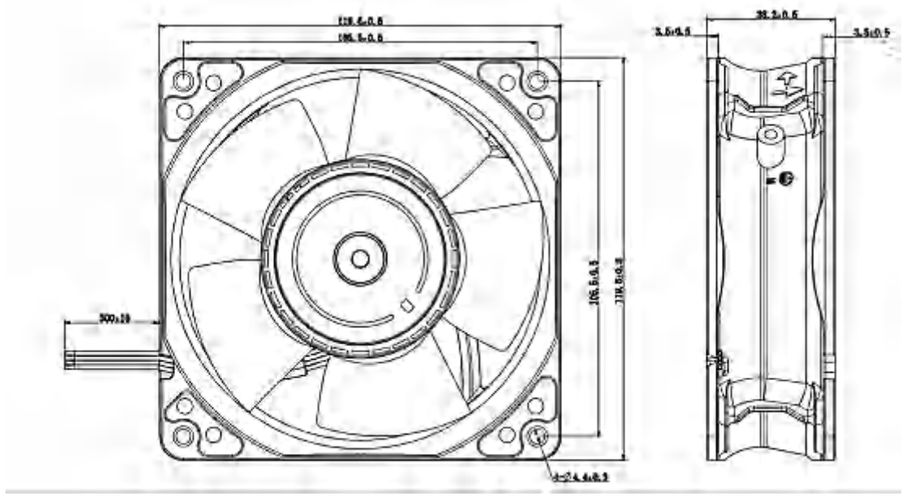
SFD-FB1212HE-Q B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=P ...
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm ( Mass:390g)**

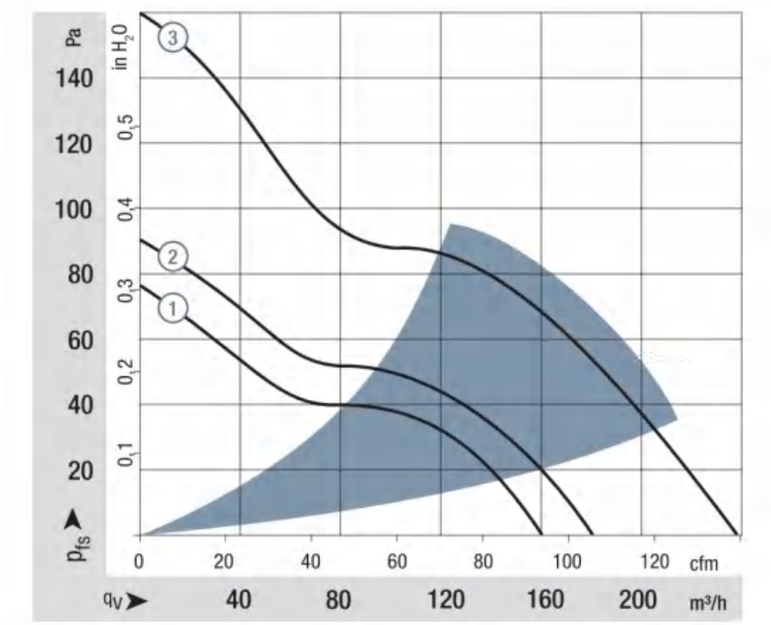
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212LE-Q | 12 | 7.2-13.2 | 0.3 | 3.6 | 2800 | 2.67 | 94 | 7.87 | 0.31 | 44 |
| SFD-FB1212ME-Q | | | 0.4 | 4.8 | 3200 | 3.01 | 106 | 9.65 | 0.38 | 49 |
| SFD-FB1212HE-Q | | | 0.9 | 10.8 | 4400 | 3.98 | 140 | 17.27 | 0.68 | 57 |
| SFD-FB1224LE-Q | 24 | 14.5~27.5 | 0.15 | 3.6 | 2800 | 2.67 | 94 | 7.87 | 0.31 | 44 |
| SFD-FB1224ME-Q | | | 0.2 | 4.8 | 3200 | 3.01 | 106 | 9.65 | 0.38 | 49 |
| SFD-FB1224HE-Q | | | 0.45 | 10.8 | 4400 | 3.98 | 140 | 17.27 | 0.68 | 57 |
| SFD-FB1248LE-Q | 48 | 29.0~55.0 | 0.075 | 3.6 | 2800 | 2.67 | 94 | 7.87 | 0.31 | 44 |
| SFD-FB1248ME-Q | | | 0.1 | 4.8 | 3200 | 3.01 | 106 | 9.65 | 0.38 | 49 |
| SFD-FB1248HE-Q | | | 0.225 | 10.8 | 4400 | 3.98 | 140 | 17.27 | 0.68 | 57 |

# SFD-FB 12038-Q CE RS

**Dimensions(unit:mm₩inch)**



**Air Flow-StaticPressure Characteristics**




# SFD-FB 12038-Q1 CE RS

## 120mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Control) Yellow (Sensor) Brown
Life time ----------70000 Ball bearing
Storage Temperatur---30℃ ~+ 70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

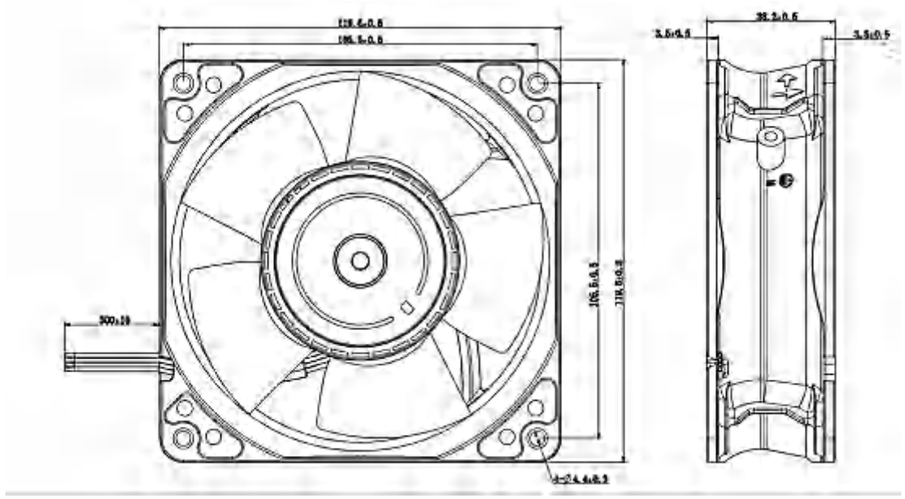
SFD-FB1212HE-Q1 B R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sen
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm ( Mass:390g)**

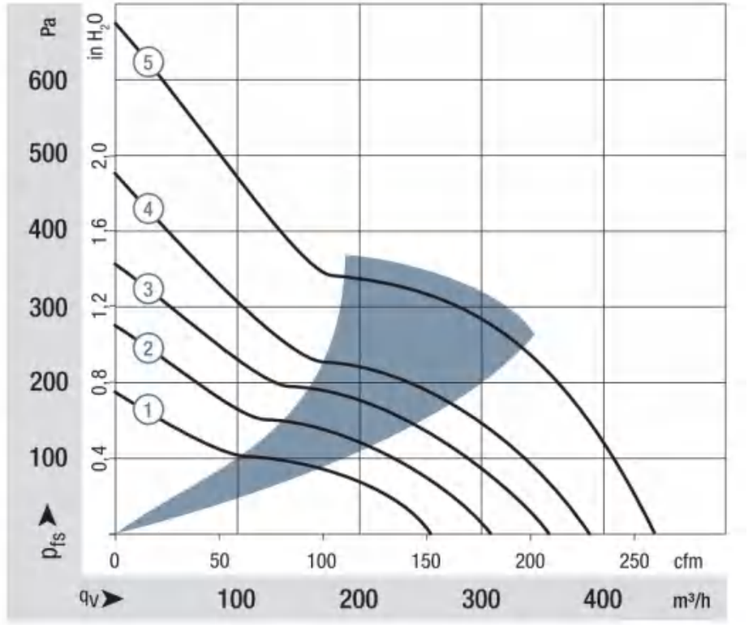
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212HHE-Q1 | 12 | 7.2-13.2 | 1.1 | 13.2 | 5000 | 4.34 | 153 | 19.81 | 0.78 | 60 |
| SFD-FB1212VHE-Q1 | | | 1.8 | 21.6 | 6000 | 5.16 | 182 | 27.94 | 1.1 | 65 |
| SFD-FB1212SHE-Q1 | | | 2.5 | 30.0 | 6800 | 5.94 | 209 | 35.8 | 1.41 | 67 |
| SFD-FB1212GHE-Q1 | | | 3.33 | 40.0 | 7500 | 6.53 | 230 | 48.51 | 1.91 | 70 |
| SFD-FB1212UHE-Q1 | | | 4.83 | 58.0 | 8400 | 7.36 | 259 | 69.08 | 2.72 | 73 |
| SFD-FB1224HHE-Q1 | 24 | 14.5~27.5 | 0.55 | 13.2 | 5000 | 4.34 | 153 | 19.81 | 0.78 | 60 |
| SFD-FB1224VHE-Q1 | | | 0.9 | 21.6 | 6000 | 5.16 | 182 | 27.94 | 1.1 | 65 |
| SFD-FB1224SHE-Q1 | | | 1.25 | 30.0 | 6800 | 5.94 | 209 | 35.8 | 1.41 | 67 |
| SFD-FB1224GHE-Q1 | | | 1.66 | 40.0 | 7500 | 6.53 | 230 | 48.51 | 1.91 | 70 |
| SFD-FB1224UHE-Q1 | | | 2.41 | 58.0 | 8400 | 7.36 | 259 | 69.08 | 2.72 | 73 |
| SFD-FB1248HHE-Q1 | 48 | 29.0~55.0 | 0.275 | 13.2 | 5000 | 4.34 | 153 | 19.81 | 0.78 | 60 |
| SFD-FB1248VHE-Q1 | | | 0.45 | 21.6 | 6000 | 5.16 | 182 | 27.94 | 1.1 | 65 |
| SFD-FB1248SHE-Q1 | | | 0.625 | 30.0 | 6800 | 5.94 | 209 | 35.8 | 1.41 | 67 |
| SFD-FB1248GHE-Q1 | | | 0.83 | 40.0 | 7500 | 6.53 | 230 | 48.51 | 1.91 | 70 |
| SFD-FB1248UHE-Q1 | | | 1.208 | 58.0 | 8400 | 7.36 | 259 | 69.08 | 2.72 | 73 |

# SFD-FB 12038-Q1 CE RS

**Dimensions(unit:mm₩inch)**



**Air Flow-StaticPressure Characteristics**




# SFD-FB 15051-A CE RS

## 150mm DC FAN

### General Specifications

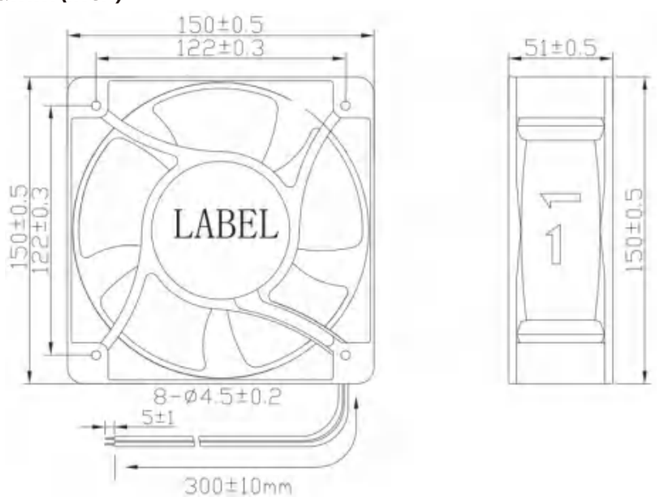
Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1512SHG-A- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**150 X 150 X 51mm (Mass:700g)**

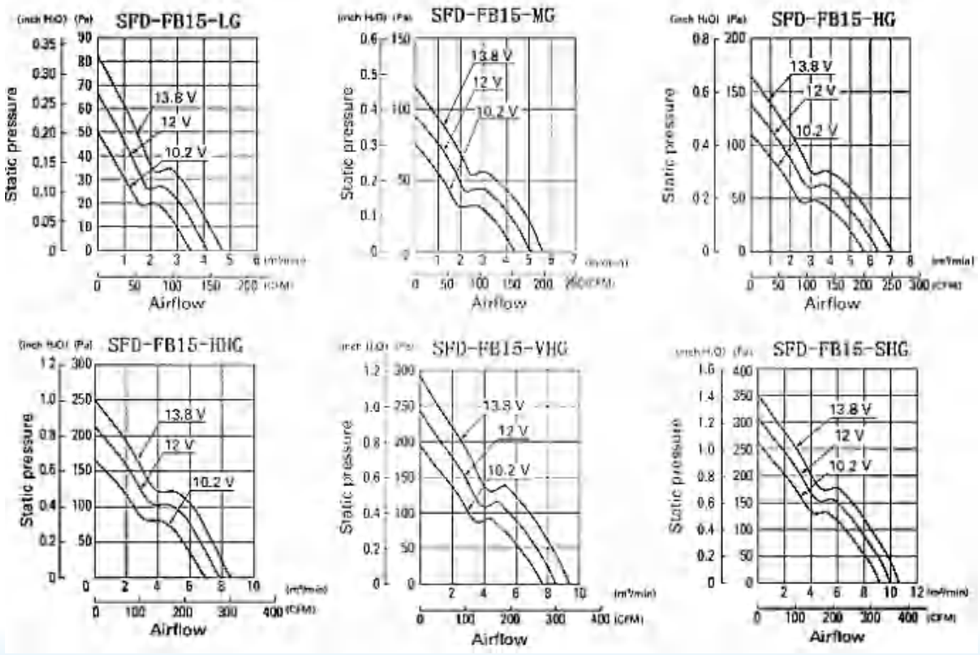
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1512LG-A | 12 | 8.5~13.5 | 0.5 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1512MG-A | | | 0.7 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1512HG-A | | | 1.2 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1512HHG-A | | | 2.3 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1512VHG-A | | | 2.9 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1512SHG-A | | | 3.4 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1524LG-A | 24 | 14.5~27.5 | 0.25 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1524MG-A | | | 0.35 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1524HG-A | | | 0.6 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1524HHG-A | | | 1.15 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1524VHG-A | | | 1.45 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1524SHG-A | | | 1.7 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1548LG-A | 48 | 29.0~55.0 | 0.125 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1548MG-A | | | 0.175 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1548HG-A | | | 0.3 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1548HHG-A | | | 0.575 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1548VHG-A | | | 0.725 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1548SHG-A | | | 1.04 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |

# SFD-FB 15051-A CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**






# SFD-FB 15055-A CE RS

## 155mm DC FAN

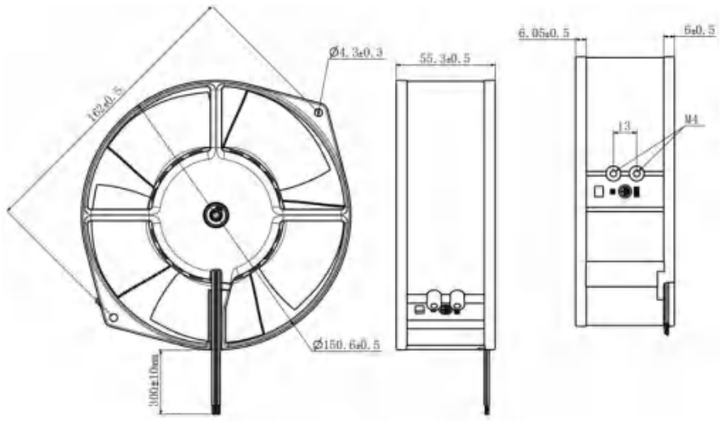
**General Specifications**

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB15012HG-A- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**150 X 55mm (Mass:710g)**

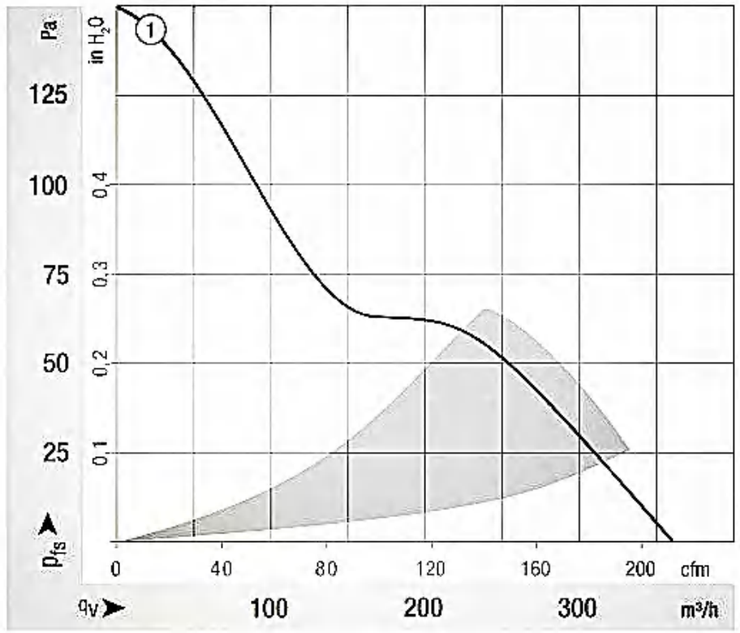
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MMH2O | IN H2O | dB-A |
| SFD-FB15012HG-A | 12 | 8~13.2 | 1.0 | 12.0 | 3050 | 6.59 | 212 | 15.75 | 0.62 | 53 |
| SFD-FB15012HG-A | 24 | 14.5~27.2 | 0.5 | 12.0 | 3050 | 6.59 | 212 | 15.75 | 0.62 | 53 |
| SFD-FB15012HG-A | 48 | 36.0~72.0 | 0.25 | 12.0 | 3050 | 6.59 | 212 | 15.75 | 0.62 | 53 |

- **Dimensions(unit:mm\inch)**



# SFD-FB 15055-A CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-FB 17225-A CE RS

## 172mm DC FAN

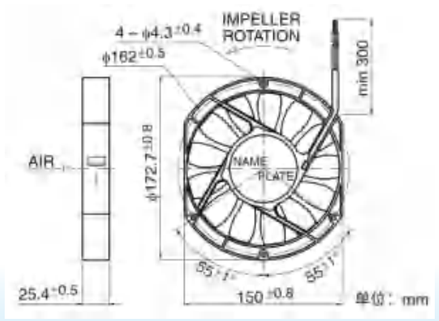
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1512HH-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 172 X 150 X 25.4mm (Mass:400g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1512M-A | 12 | 8.5~13.2 | 1.0 | 12.0 | 3000 | 5.85 | 206 | 13.42 | 0.528 | 57.5 |
| SFD-FB1512H-A | | | 1.7 | 20.4 | 3300 | 6.45 | 227 | 15.72 | 0.619 | 60.5 |
| SFD-FB1512HH-A | | | 2.1 | 25.2 | 3500 | 6.93 | 244 | 17.74 | 0.698 | 61.5 |
| SFD-FB1512VH-A | | | 2.5 | 30.0 | 3750 | 7.41 | 261 | 19.66 | 0.774 | 63.5 |
| SFD-FB1512SH-A | | | 2.88 | 34.56 | 3900 | 7.81 | 275 | 21.37 | 0.841 | 65.5 |
| SFD-FB1524M-A | 24 | 14.5~26.2 | 0.85 | 20.4 | 3000 | 5.85 | 206 | 13.42 | 0.528 | 57.5 |
| SFD-FB1524H-A | | | 0.85 | 20.4 | 3300 | 6.45 | 227 | 15.72 | 0.619 | 60.5 |
| SFD-FB1524HH-A | | | 1.05 | 25.2 | 3500 | 6.93 | 244 | 17.74 | 0.698 | 61.5 |
| SFD-FB1524VH-A | | | 1.25 | 30.0 | 3750 | 7.41 | 261 | 19.66 | 0.774 | 63.5 |
| SFD-FB1524SH-A | | | 1.44 | 34.56 | 3900 | 7.81 | 275 | 21.37 | 0.841 | 65.5 |
| SFD-FB1548M-A | 48 | 36.0~55.2 | 0.25 | 12.00 | 3000 | 5.85 | 206 | 13.42 | 0.528 | 57.5 |
| SFD-FB1548H-A | | | 0.43 | 20.64 | 3300 | 6.45 | 227 | 15.72 | 0.619 | 60.5 |
| SFD-FB1548HH-A | | | 0.53 | 25.44 | 3500 | 6.93 | 244 | 17.74 | 0.698 | 61.5 |
| SFD-FB1548VH-A | | | 0.64 | 30.72 | 3750 | 7.41 | 261 | 19.66 | 0.774 | 63.5 |
| SFD-FB15148H-A | | | 0.72 | 34.56 | 3900 | 7.81 | 275 | 21.37 | 0.841 | 65.5 |

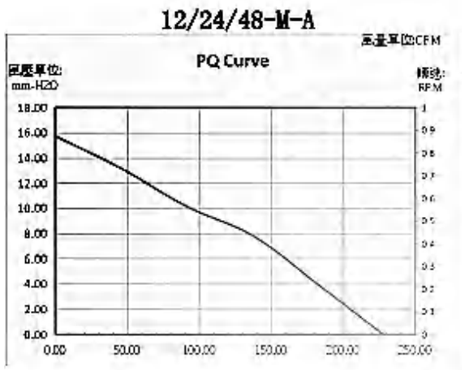
**• Dimensions(unit:mm\inch)**



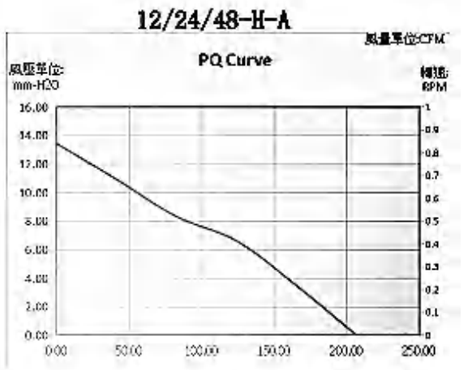
# SFD-FB 17225-A CE RS

•Air Flow-Static Pressure Characteristics

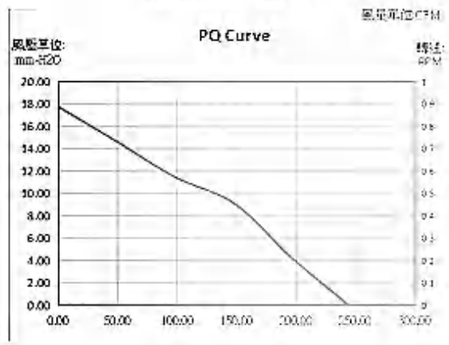
12/24/48-M-A




12/24/48-H-A




12/24/48-HH-A

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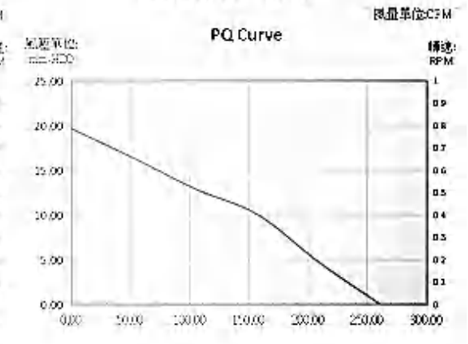
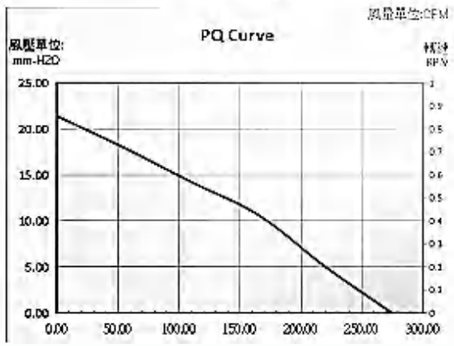



12/24/48-SH-A






# SFD-FB 17251-A CE RS

## 172mm DC FAN

### General Specifications

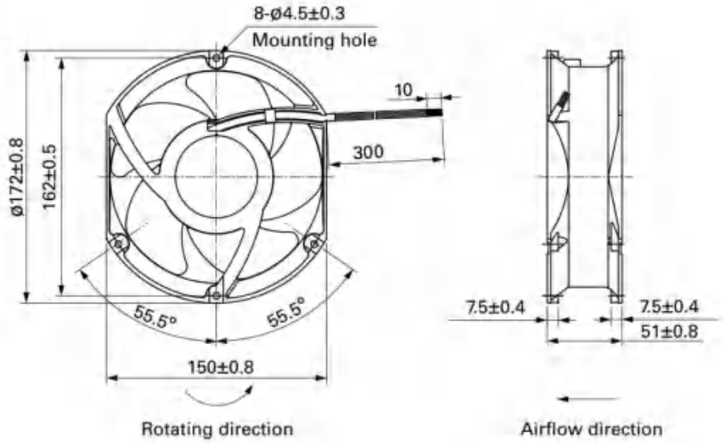
Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1512UHG-B- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 150 X 51mm (Mass:760g)**

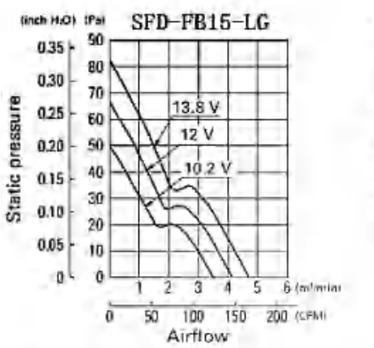
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1512LG-A | 12 | 8.5~13.5 | 0.5 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1512MG-A | | | 0.7 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1512HG-A | | | 1.2 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1512HHG-A | | | 2.3 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1512VHG-A | | | 2.9 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1512SHG-A | | | 3.4 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1524LG-A | 24 | 14.5~27.5 | 0.25 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1524MG-A | | | 0.35 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1524HG-A | | | 0.6 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1524HHG-A | | | 1.15 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1524VHG-A | | | 1.45 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1524SHG-A | | | 1.7 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1548LG-A | 48 | 29.0~55.0 | 0.125 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1548MG-A | | | 0.175 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1548HG-A | | | 0.3 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1548HHG-A | | | 0.575 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1548VHG-A | | | 0.725 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1548SHG-A | | | 1.04 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |

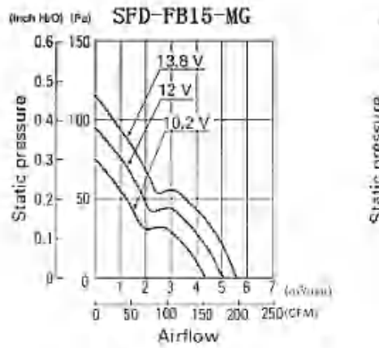
# SFD-FB 17251-A CE RS

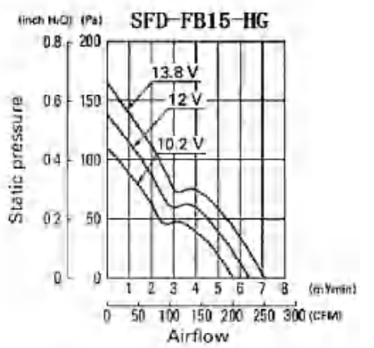
• **Dimensions(unit:mm\inch)**

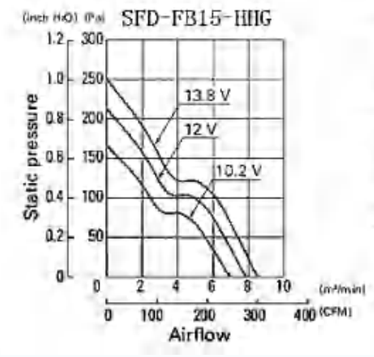


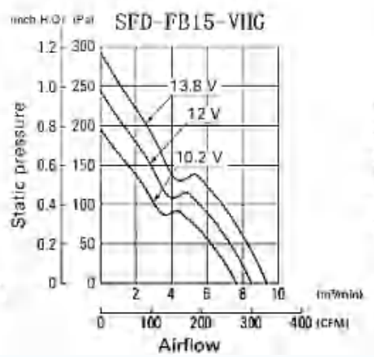

•**Air Flow-Static Pressure Characteristics**

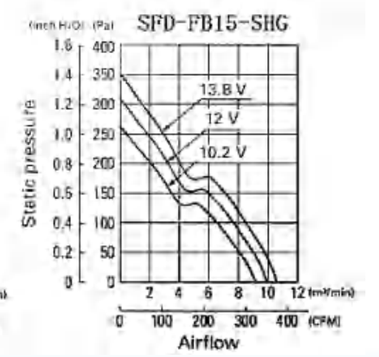





# SFD-FB 17251-A1 CE RS

## 172mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Yellow (Control) Brown
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

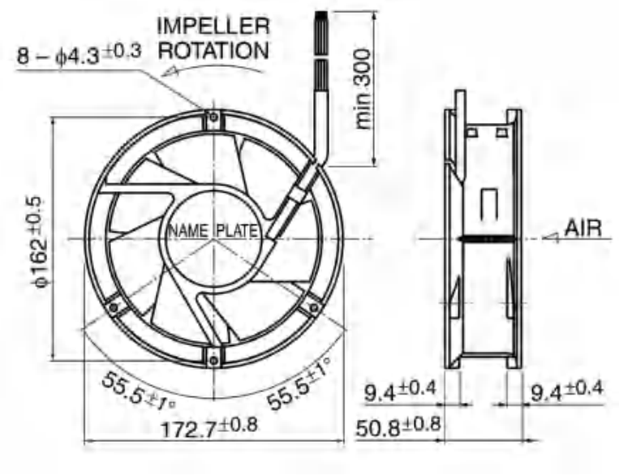
SFD-FB1712UHG-BB R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm** (**Mass:760g**)

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1712LG-A | 12 | 8.5~13.5 | 0.5 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1712MG-A | | | 0.7 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1712HG-A | | | 1.2 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1712HHG-A | | | 2.3 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1712VHG-A | | | 2.9 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1712SHG-A | | | 3.4 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1724LG-A | 24 | 14.5~27.5 | 0.25 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1724MG-A | | | 0.35 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1524HG-A | | | 0.6 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1724HHG-A | | | 1.15 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1724VHG-A | | | 1.45 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1724SHG-A | | | 1.7 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |
| SFD-FB1748LG-A | 48 | 29.0~55.0 | 0.125 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-FB1748MG-A | | | 0.175 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-FB1748HG-A | | | 0.3 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-FB1748HHG-A | | | 0.575 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |
| SFD-FB1748VHG-A | | | 0.725 | 34.8 | 4100 | 8.5 | 300 | 24.79 | 0.976 | 62 |
| SFD-FB1748SHG-A | | | 1.04 | 49.8 | 4800 | 9.9 | 350 | 31.42 | 1.237 | 66 |

# SFD-FB 17251-A1 CE RS

**Dimensions(unit:mm₩inch)**




**Air Flow-StaticPressure Characteristics**




# SFD-FB 17251-B CE RS

## 172mm DC FAN

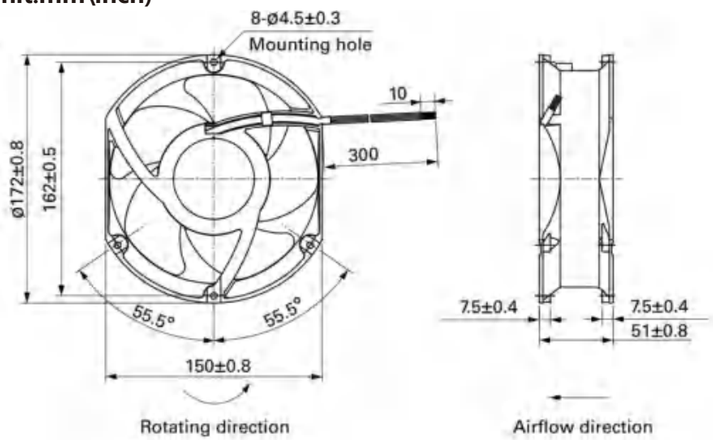
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------40000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1512UHG-B- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 150 X 51mm (Mass760g)**

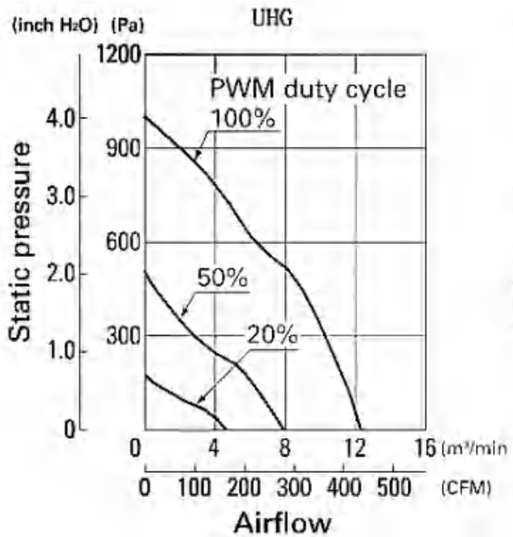
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1524UHG-B | 24 | 14.5~27.5 | 5.5 | 132 | 8000 | 12.3 | 433.0 | 102.11 | 4.02 | 75.5 |
| SFD-FB1524XHG-B | | | 11.5 | 276 | 10500 | 16.1 | 566.9 | 163.3 | 6.43 | 82.0 |
| SFD-FB1548UHG-B | 48 | 29.0~55.0 | 2.75 | 132 | 8000 | 12.3 | 433.0 | 102.11 | 4.02 | 75.5 |
| SFD-FB1548XHG-B | | | 5.75 | 276 | 10500 | 16.1 | 566.9 | 163.3 | 6.43 | 82.0 |

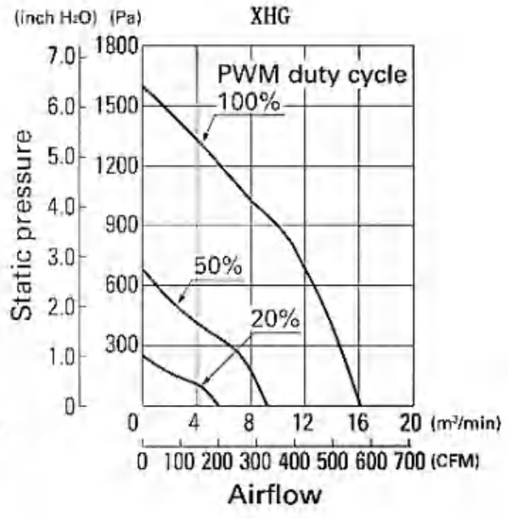
- **Dimensions(unit:mm\inch)**



# SFD-FB 17251-B CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-FB 17251-D CE RS

## 172mm DC FAN

### General Specifications

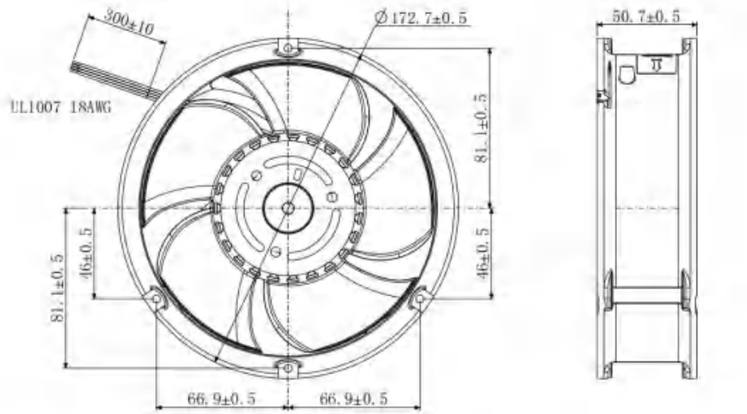
Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1712HHG-D-B R 1
1 erproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm (Mass:830g)**

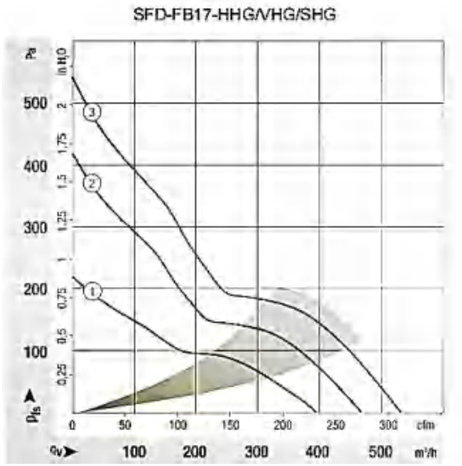
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB1712HHG-D | 12 | 8~13.2 | 1.25 | 15.0 | 3700 | 6.59 | 232 | 220 | 0.883 | 51 |
| SFD-FB1712VHG-D | | | 1.95 | 23.4 | 4400 | 7.84 | 276 | 425 | 1.707 | 56 |
| SFD-FB1712SHG-D | | | 2.7 | 32.4 | 5000 | 9.08 | 320 | 540 | 2.17 | 58 |
| SFD-FB1712GHG-D | | | 3.3 | 39.6 | 5500 | 10.02 | 353 | 600 | 2.41 | 60 |
| SFD-FB1712UHG-D | | | 5.6 | 67.2 | 7000 | 11.87 | 418 | 800 | 3.21 | 69 |
| SFD-FB1724HHG-D | 24 | 14.5~27.2 | 0.625 | 15.0 | 3700 | 6.59 | 232 | 220 | 0.883 | 51 |
| SFD-FB1724VHG-D | | | 0.975 | 23.4 | 4400 | 7.84 | 276 | 425 | 1.707 | 56 |
| SFD-FB1724SHG-D | | | 1.35 | 32.4 | 5000 | 9.08 | 320 | 540 | 2.17 | 58 |
| SFD-FB1724GHG-D | | | 1.65 | 39.6 | 5500 | 10.02 | 353 | 600 | 2.41 | 60 |
| SFD-FB1724UHG-D | | | 2.8 | 67.2 | 7000 | 11.87 | 418 | 800 | 3.21 | 69 |
| SFD-FB1724XHG-D | | | 6.33 | 152 | 9200 | 15.48 | 545 | 1120 | 4.49 | 75 |
| SFD-FB1748HHG-D | 48 | 36.0~55.0 | 0.32 | 15.3 | 3700 | 6.59 | 232 | 220 | 0.883 | 51 |
| SFD-FB1748VHG-D | | | 0.49 | 23.5 | 4400 | 7.84 | 276 | 425 | 1.707 | 56 |
| SFD-FB1748SHG-D | | | 0.68 | 32.6 | 5000 | 9.08 | 320 | 540 | 2.17 | 58 |
| SFD-FB1748GHG-D | | | 0.83 | 39.8 | 5500 | 10.02 | 353 | 600 | 2.41 | 60 |
| SFD-FB1748UHG-D | | | 1.4 | 67.2 | 7000 | 11.87 | 418 | 800 | 3.21 | 69 |
| SFD-FB1748XHG-D | | | 3.16 | 152 | 9200 | 15.48 | 545 | 1280 | 5.15 | 75 |

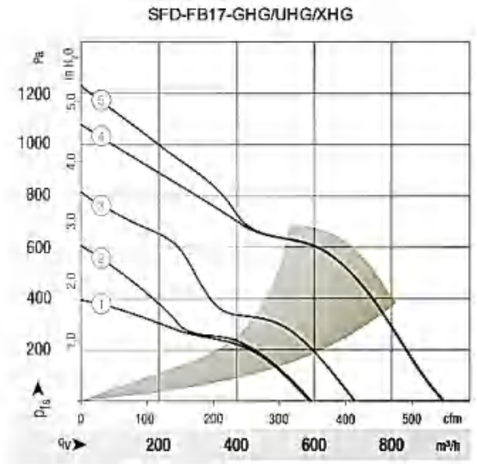
# SFD-FB 17251-D CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**






# SFD-FB 17251-E CE RS

## 172mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Brown (Control)Yellow
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

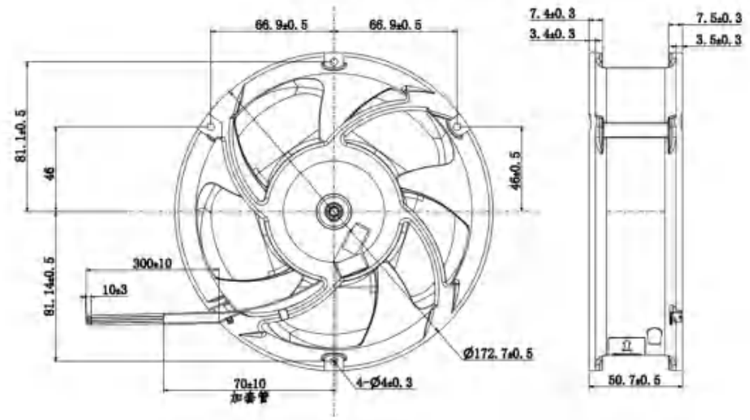
SFD-FB1712HHG-EB R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm ( Mass:900g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB1712LG-E | 12 | 9~13.2 | 0.67 | 8 | 2500 | 5.68 | 200 | 127 | 0.51 | 51.8 |
| SFD-FB1712MG-E | | | 1.08 | 13 | 3000 | 7.01 | 247 | 179 | 0.72 | 57 |
| SFD-FB1712HG-E | | | 1.67 | 20 | 3500 | 7.87 | 277 | 221 | 0.89 | 59 |
| SFD-FB1712HHG-E | | | 2.67 | 32 | 4000 | 9.03 | 318 | 278 | 1.12 | 62.5 |
| SFD-FB1712VHG-E | | | 4.42 | 53 | 5000 | 11.44 | 403 | 435 | 1.75 | 68 |
| SFD-FB1724LG-E | 24 | 18~30.0 | 0.33 | 8 | 2500 | 5.68 | 200 | 127 | 0.51 | 51.8 |
| SFD-FB1724MG-E | | | 0.54 | 13 | 3000 | 7.01 | 247 | 179 | 0.72 | 57 |
| SFD-FB1724HG-E | | | 0.83 | 20 | 3500 | 7.87 | 277 | 221 | 0.89 | 59 |
| SFD-FB1724HHG-E | | | 1.33 | 32 | 4000 | 9.03 | 318 | 278 | 1.12 | 62.5 |
| SFD-FB1724VHG-E | | | 2.2 | 53 | 5000 | 11.44 | 403 | 435 | 1.75 | 68 |
| SFD-FB1748LG-E | 48 | 36.0~60.0 | 0.16 | 8 | 2500 | 5.68 | 200 | 127 | 0.51 | 51.8 |
| SFD-FB1748MG-E | | | 0.27 | 13 | 3000 | 7.01 | 247 | 179 | 0.72 | 57 |
| SFD-FB1748HG-E | | | 0.41 | 20 | 3500 | 7.87 | 277 | 221 | 0.89 | 59 |
| SFD-FB1748HHG-E | | | 0.66 | 32 | 4000 | 9.03 | 318 | 278 | 1.12 | 62.5 |
| SFD-FB1748VHG-E | | | 1.1 | 53 | 5000 | 11.44 | 403 | 435 | 1.75 | 68 |

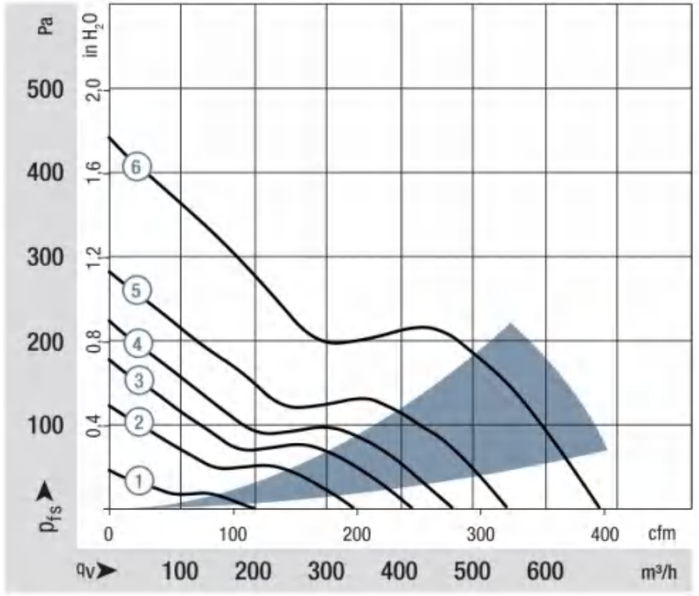
# SFD-FB 17251-E CE RS

**Dimensions(unit:mm₩inch)**




**Air Flow-StaticPressure Characteristics**

SFD-FB17-LG/MG/HG/HHG/VHG




# SFD-FB 17251-E1 CE RS

## 172mm DC FAN

### General Specifications

Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Brown (Control)Yellow
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---±10%
Part Numbering System

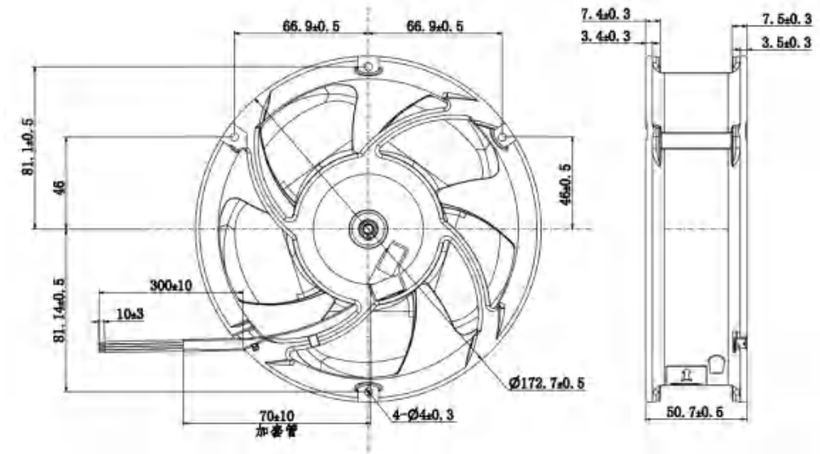
SFD-FB1712GHG-E1B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm (Mass:900g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB1712SHG-E1 | 12 | 9~13.2 | 7.91 | 95 | 6000 | 13.43 | 473 | 649 | 2.61 | 71 |
| SFD-FB1724SHG-E1 | 24 | 18~30.0 | 3.96 | 95 | 6000 | 13.43 | 473 | 649 | 2.61 | 71 |
| SFD-FB1724GHG-E1 | | | 6.50 | 156 | 7200 | 16.55 | 583 | 973 | 3.91 | 75 |
| SFD-FB1724UHG-E1 | | | 6.75 | 162 | 7500 | 17.21 | 606 | 1083 | 4.35 | 76 |
| SFD-FB1748SHG-E1 | 48 | 36.0~60.0 | 1.98 | 95 | 6000 | 13.43 | 473 | 649 | 2.61 | 71 |
| SFD-FB1748GHG-E1 | | | 3.25 | 156 | 7200 | 16.55 | 583 | 973 | 3.91 | 75 |
| SFD-FB1748UHG-E1 | | | 3.38 | 162 | 7500 | 17.21 | 606 | 1083 | 4.35 | 76 |
| SFD-FB1748XHG-E1 | | | 5.38 | 258 | 9000 | 20.22 | 712 | 1520 | 6.11 | 80 |

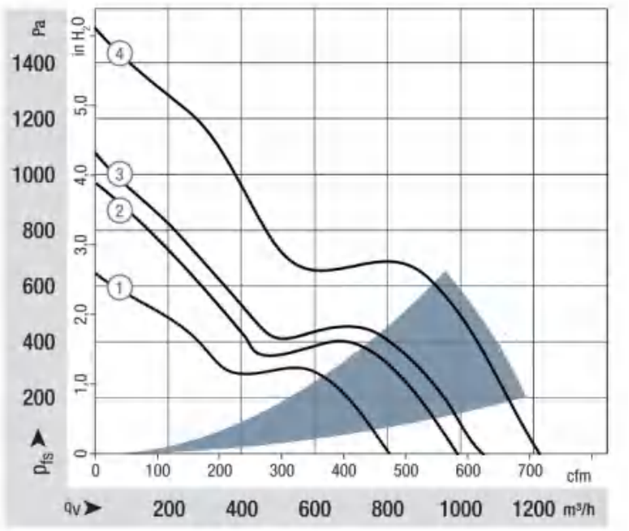
# SFD-FB 17251-D CE RS

**Dimensions(unit:mm₩inch)**




**Air Flow-StaticPressure Characteristics**

SFD-FB17-SHG/GHG/UHG/XHG




# SFD-FB 20053-A CE RS

## 200mm DC FAN

### General Specifications

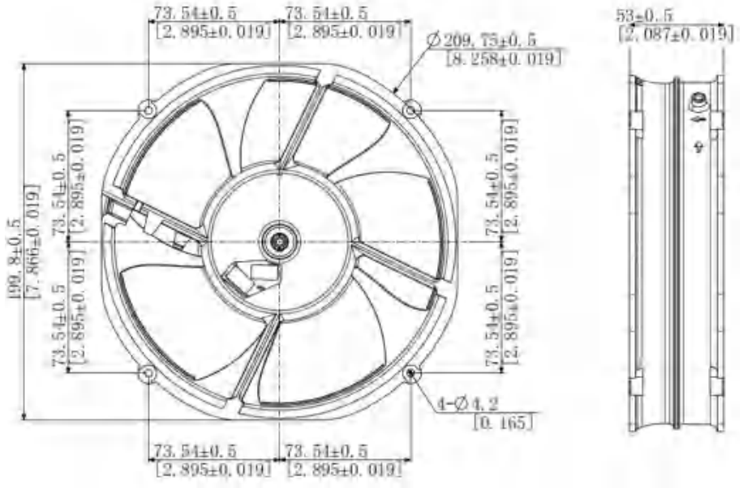
Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB20053BL12LG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**220 X 200 X 53mm (Mass1020g)**

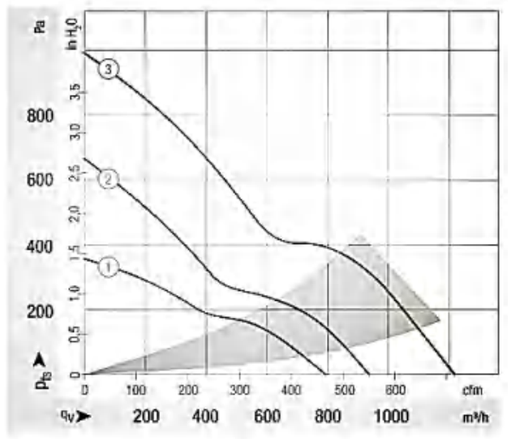
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB20053B12LG | 12 | 8.5~13.5 | 2.91 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20053B12MG | | | 4.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20053B12HG | | | 8.58 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB20053B12HHG | | | 13.16 | 158 | 7500 | 24.42 | 860 | 1250 | 5.02 | 78 |
| SFD-FB20053B24LG | 24 | 14.5~27.5 | 1.45 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20053B24MG | | | 2.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20053B24HG | | | 4.29 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB20053B24HHG | | | 6.58 | 158 | 7500 | 24.42 | 860 | 1250 | 5.02 | 78 |
| SFD-FB20053B24VHG | | | 9.16 | 220 | 8500 | 28.68 | 1010 | 1488 | 5.98 | 82 |
| SFD-FB20053B48LG | 48 | 29.0~55.0 | 0.72 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20053B48MG | | | 1.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20053B48HG | | | 2.14 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB20053B48HHG | | | 3.29 | 158 | 7500 | 24.42 | 860 | 1250 | 5.02 | 78 |
| SFD-FB20053B48HHG | | | 4.58 | 220 | 8500 | 28.68 | 1010 | 1488 | 5.98 | 82 |

# SFD-FB 20053-A CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB 20060-A CE RS

## 200mm DC FAN

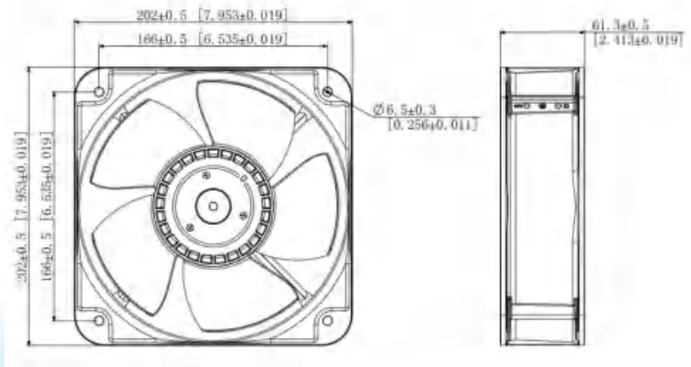
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB20060BL12LG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 200 X 200 X 60mm (Mass2450g)

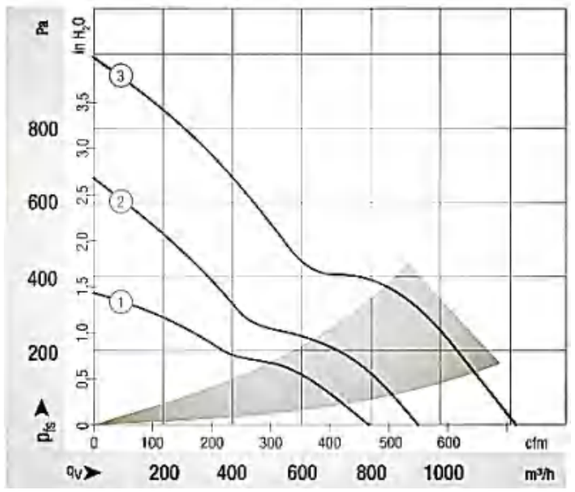
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB20060B12LG | 12 | 8.5~13.5 | 2.91 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20060B12MG | | | 4.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20060B12HG | | | 8.58 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB20060B24LG | 24 | 14.5~27.5 | 1.45 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20060B24MG | | | 2.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20060B24HG | | | 4.29 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB20060B48LG | 48 | 29.0~55.0 | 0.72 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB20060B48MG | | | 1.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB20060B48HG | | | 2.14 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |

• **Dimensions(unit:mm\inch)**



# SFD-FB 20060-A CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-FB 22060-A CE RS

## 200mm DC FAN

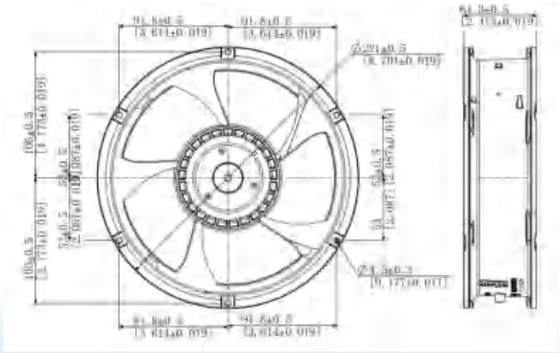
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB22060BL12LG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 220 X 60mm (Mass2450g)

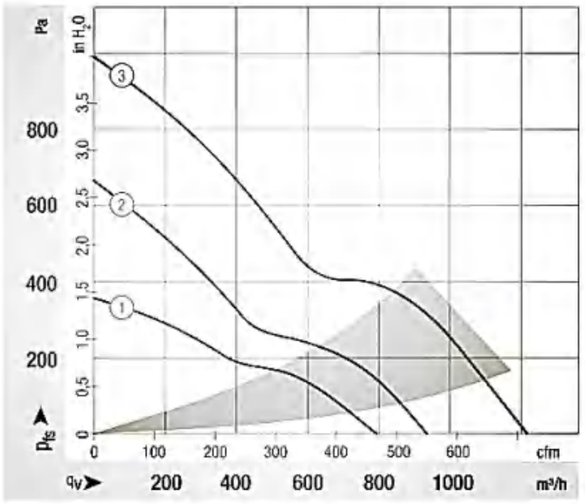
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB22060B12LG | 12 | 8.5~13.5 | 2.91 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB22060B12MG | | | 4.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB22060B12HG | | | 8.58 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB22060B24LG | 24 | 14.5~27.5 | 1.45 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB22060B24MG | | | 2.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB22060B24HG | | | 4.29 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |
| SFD-FB22060B48LG | 48 | 29.0~55.0 | 0.72 | 35 | 4250 | 13.2 | 465 | 370 | 1.49 | 62 |
| SFD-FB22060B48MG | | | 1.00 | 48 | 5000 | 15.7 | 553 | 659 | 2.65 | 66 |
| SFD-FB22060B48HG | | | 2.14 | 103 | 6500 | 20.39 | 718 | 998 | 4.01 | 72 |

**• Dimensions(unit:mm\inch)**



# SFD-FB 22060-A CE RS

**•Air Flow-Static Pressure Characteristics**



DC BLower Fan
DC鼓风机

# SFD-BB3010 CE RS

## 30mm DC Blower

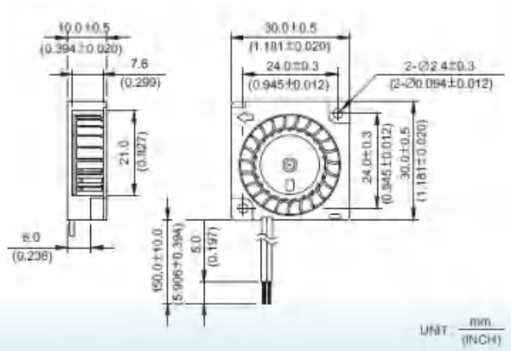
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0312HHA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

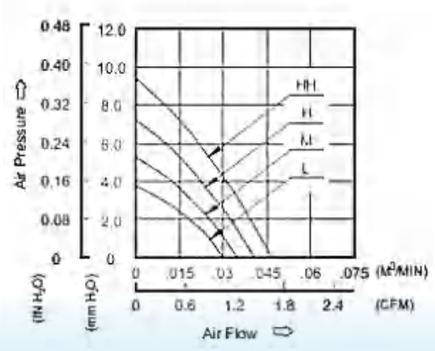
### 30 X 30 X 10mm (Mass:10g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0305LA | 5 | 4.0-6.0 | 0.07 | 0.35 | 5500 | 0.032 | 1.08 | 3.66 | 0.144 | 24.5 |
| SFD-BB0305MA | | | 0.09 | 0.45 | 6500 | 0.038 | 1.31 | 5.23 | 0.206 | 26.0 |
| SFD-BB0305HA | | | 0.12 | 0.60 | 7500 | 0.043 | 1.49 | 7.24 | 0.285 | 29.5 |
| SFD-BB0305HHA | | | 0.19 | 0.95 | 8500 | 0.049 | 1.72 | 9.4 | 0.370 | 31.5 |
| SFD-BB0312LA | 12 | 7.2-13.8 | 0.04 | 0.48 | 5500 | 0.032 | 1.08 | 3.66 | 0.144 | 24.5 |
| SFD-BB0312MA | | | 0.06 | 0.72 | 6500 | 0.038 | 1.31 | 5.23 | 0.206 | 26.0 |
| SFD-BB0312HA | | | 0.08 | 0.96 | 7500 | 0.043 | 1.49 | 7.24 | 0.285 | 29.5 |
| SFD-BB0312HHA | | | 0.09 | 1.08 | 8500 | 0.049 | 1.72 | 9.4 | 0.370 | 31.5 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics






# SFD-BB3510 CE RS

## 35mm DC Blower

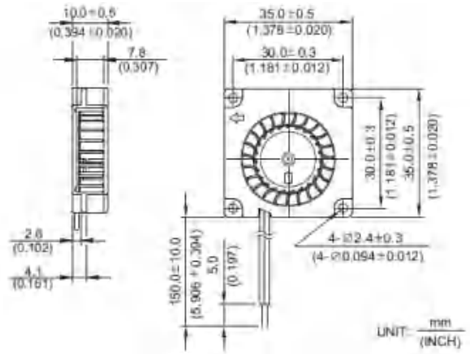
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB3512HHA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

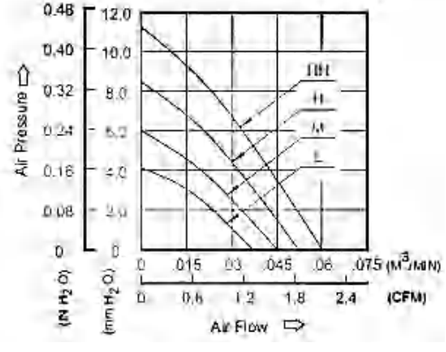
### 35 X 35 X 10mm (Mass:11g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB3505LA | 5 | 4.0-6.0 | 0.06 | 0.30 | 5500 | 0.038 | 1.34 | 4.14 | 0.163 | 24.0 |
| SFD-BB3505MA | | | 0.09 | 0.45 | 6500 | 0.045 | 1.59 | 6.01 | 0.236 | 26.0 |
| SFD-BB3505HA | | | 0.12 | 0.60 | 7500 | 0.073 | 1.84 | 8.5 | 0.335 | 29.5 |
| SFD-BB3505HHA | | | 0.25 | 1.25 | 8500 | 0.060 | 2.12 | 11.25 | 0.443 | 31.5 |
| SFD-BB3512LA | 12 | 7.2-13.8 | 0.05 | 0.60 | 5500 | 0.038 | 1.34 | 4.14 | 0.163 | 24.0 |
| SFD-BB3512MA | | | 0.06 | 0.72 | 6500 | 0.045 | 1.59 | 6.01 | 0.236 | 26.0 |
| SFD-BB3512HA | | | 0.08 | 0.96 | 7500 | 0.073 | 1.84 | 8.5 | 0.335 | 29.5 |
| SFD-BB3512HHA | | | 0.1 | 1.20 | 8500 | 0.060 | 2.12 | 11.25 | 0.443 | 31.5 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics



# SFD-BB4010 CE RS

## 40mm DC Blower

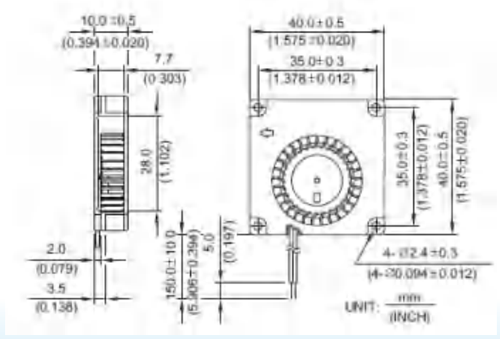
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0412HHA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

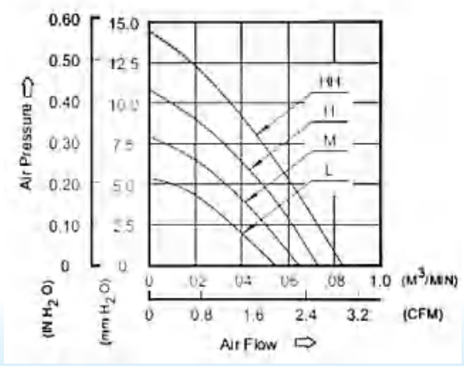
### 40 X 40 X 10mm (Mass:11g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0405LA | 5 | 4.0-6.0 | 0.07 | 0.35 | 5600 | 0.055 | 1.93 | 5.36 | 0.21 | 28.5 |
| SFD-BB0405MA | | | 0.12 | 0.60 | 6600 | 0.064 | 2.29 | 7.92 | 0.311 | 30.0 |
| SFD-BB0405HA | | | 0.18 | 0.90 | 7600 | 0.073 | 2.60 | 10.84 | 0.426 | 32.5 |
| SFD-BB0405HHA | | | 0.21 | 1.05 | 8600 | 0.089 | 3.1 | 14.36 | 0.572 | 34.5 |
| SFD-BB0412LA | 12 | 7.2-13.8 | 0.06 | 0.72 | 5600 | 0.055 | 1.93 | 5.36 | 0.21 | 28.5 |
| SFD-BB0412MA | | | 0.07 | 0.84 | 6600 | 0.064 | 2.29 | 7.92 | 0.311 | 30.0 |
| SFD-BB0412HA | | | 0.09 | 1.08 | 7600 | 0.073 | 2.60 | 10.84 | 0.426 | 32.5 |
| SFD-BB0412HHA | | | 0.10 | 1.2 | 8600 | 0.089 | 3.1 | 14.36 | 0.572 | 34.5 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics






# SFD-BB4020 CE RS

## 40mm DC Blower

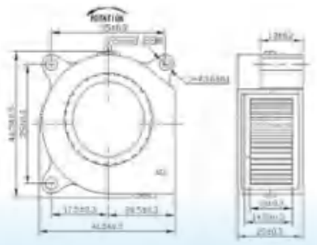
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0412HHD- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

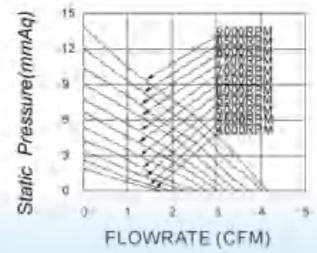
### 40 X 40 X 20mm (Mass:26g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0405LD | 5 | 4.0-6.0 | 0.08 | 0.4 | 4000 | 0.044 | 1.53 | 1.42 | 0.0559 | 22.5 |
| SFD-BB0405MD | | | 0.1 | 0.5 | 4500 | 0.057 | 2.01 | 2.64 | 0.104 | 27.5 |
| SFD-BB0405HD | | | 0.16 | 0.8 | 5000 | 0.064 | 2.27 | 3.35 | 0.132 | 33.5 |
| SFD-BB0405HHD | | | 0.2 | 0.1 | 5500 | 0.073 | 2.56 | 4.18 | 0.165 | 35.5 |
| SFD-BB0405VHD | | | 0.29 | 1.45 | 6000 | 0.078 | 2.75 | 5.22 | 0.206 | 37.5 |
| SFD-BB0405SHD | | | 0.34 | 1.7 | 6500 | 0.087 | 3.06 | 6.55 | 0.258 | 40.5 |
| SFD-BB0405GHD | | | 0.38 | 1.9 | 7500 | 0.1 | 3.54 | 9.11 | 0.359 | 29.0 |
| SFD-BB0412LD | 12 | 6.0-13.0 | 0.04 | 0.48 | 4000 | 0.044 | 1.53 | 1.42 | 0.0559 | 22.5 |
| SFD-BB0412MD | | | 0.05 | 0.6 | 4500 | 0.057 | 2.01 | 2.64 | 0.104 | 27.5 |
| SFD-BB0412HD | | | 0.08 | 0.96 | 5000 | 0.064 | 2.27 | 3.35 | 0.132 | 33.5 |
| SFD-BB0412HHD | | | 0.09 | 1.08 | 5500 | 0.073 | 2.56 | 4.18 | 0.165 | 35.5 |
| SFD-BB0412VHD | | | 0.12 | 1.44 | 6000 | 0.078 | 2.75 | 5.22 | 0.206 | 37.5 |
| SFD-BB0412SHD | | | 0.14 | 1.68 | 6500 | 0.087 | 3.06 | 6.55 | 0.258 | 40.5 |
| SFD-BB0412GHD | | | 0.16 | 1.92 | 7500 | 0.1 | 3.54 | 9.11 | 0.359 | 29.0 |

### • Dimensions(unit:mm\inch)



### •Air Flow-Static Pressure Characteristics



# SFD-BB4510-A CE RS

## 45mm DC Blower

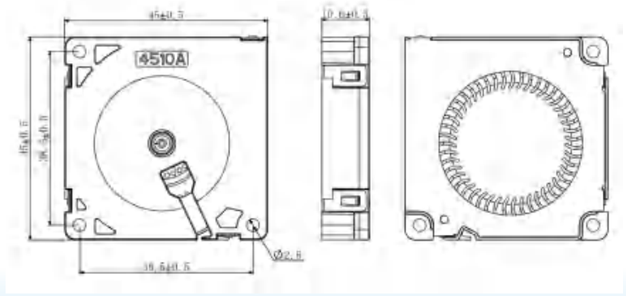
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB4512HHA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

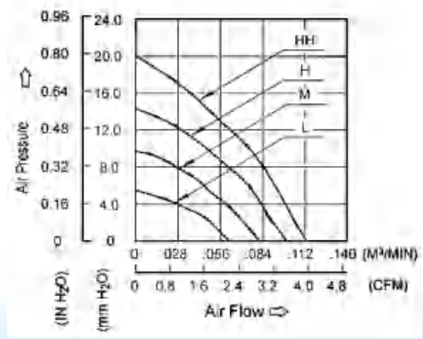
### 45 X 45 X 10mm (Mass:21.5g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB04505LA-A | 5 | 4.0-6.0 | 0.07 | 0.35 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB04505MA-A | | | 0.11 | 0.55 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB04505HA-A | | | 0.21 | 1.05 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB04505HHA-A | | | 0.30 | 1.5 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |
| SFD-BB04512LA-A | 12 | 7.2-13.8 | 0.06 | 0.72 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB04512MA-A | | | 0.09 | 1.08 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB04512HA-A | | | 0.14 | 1.68 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB04512HHA-A | | | 0.19 | 2.28 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics






# SFD-BB5010-A CE RS

## 50mm DC Blower

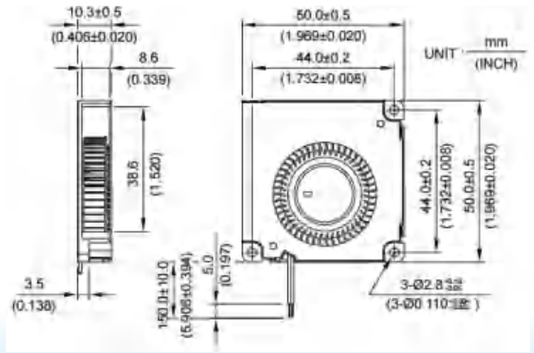
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HHA- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

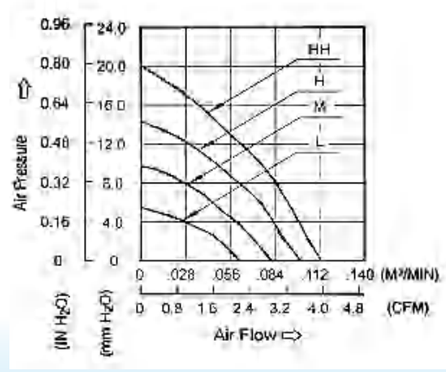
### 50 X 50 X 10mm (Mass:24.5g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0505LA-A | 5 | 4.0-6.0 | 0.07 | 0.35 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0505MA-A | | | 0.11 | 0.55 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0505HA-A | | | 0.21 | 1.05 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0505HHA-A | | | 0.30 | 1.5 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |
| SFD-BB0512LA-A | 12 | 7.2-13.8 | 0.06 | 0.72 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0512MA-A | | | 0.09 | 1.08 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0512HA-A | | | 0.14 | 1.68 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0512HHA-A | | | 0.19 | 2.28 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |

### • Dimensions(unit:mm\inch)




### •Air Flow-Static Pressure Characteristics



# SFD-BB5010 CE RS

## 50mm DC Blower

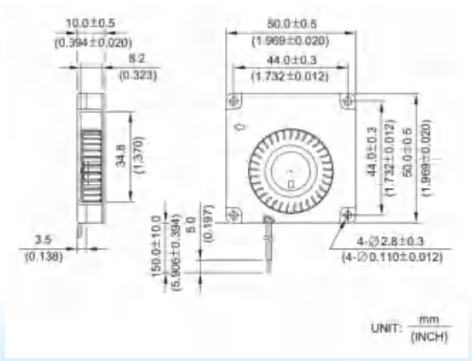
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HHA- B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

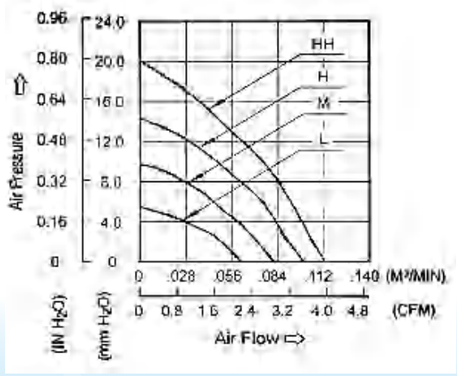
### 50 X 50 X 10mm (Mass:17.5g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0505LA | 5 | 4.0-6.0 | 0.07 | 0.35 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0505MA | | | 0.11 | 0.55 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0505HA | | | 0.21 | 1.05 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0505HHA | | | 0.30 | 1.5 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |
| SFD-BB0512LA | 12 | 7.2-13.8 | 0.06 | 0.72 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0512MA | | | 0.09 | 1.08 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0512HA | | | 0.14 | 1.68 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0512HHA | | | 0.19 | 2.28 | 5800 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics






# SFD-BB5015 CE RS

## 50mm DC Blower

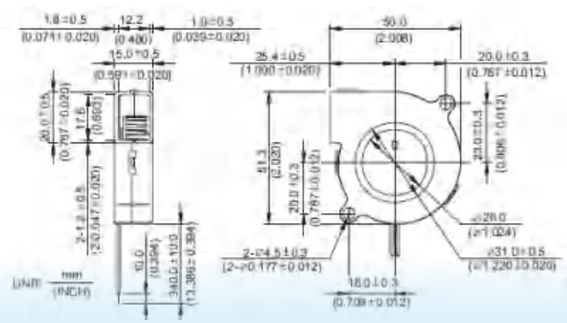
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HB- B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

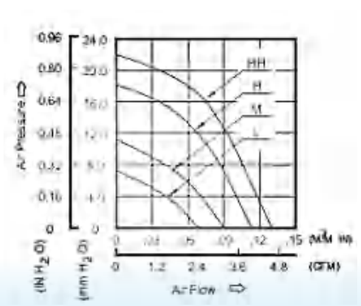
### 50 X 50 X 15mm (Mass:28g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0505LB | 5 | 4.0-6.0 | 0.14 | 0.70 | 3600 | 0.069 | 2.46 | 6.98 | 0.275 | 27.0 |
| SFD-BB0505MB | | | 0.33 | 1.65 | 4600 | 0.089 | 3.16 | 10.96 | 0.431 | 33.0 |
| SFD-BB0505HB | | | 0.42 | 2.10 | 5600 | 0.108 | 3.86 | 17.98 | 0.702 | 38.5 |
| SFD-BB0512LB | 12 | 7.2-13.8 | 0.08 | 0.96 | 3600 | 0.069 | 2.46 | 6.98 | 0.275 | 27.0 |
| SFD-BB0512MB | | | 0.11 | 1.32 | 4600 | 0.089 | 3.16 | 10.96 | 0.431 | 33.0 |
| SFD-BB0512HB | | | 0.17 | 2.04 | 5600 | 0.108 | 3.86 | 17.98 | 0.702 | 38.5 |
| SFD-BB0512HHB | | | 0.22 | 2.64 | 6500 | 0.129 | 4.58 | 21.09 | 0.861 | 45.5 |
| SFD-BB0524LB | 24 | 14.5~27.5 | 0.06 | 1.44 | 3600 | 0.069 | 2.46 | 6.98 | 0.275 | 27.0 |
| SFD-BB0524MB | | | 0.08 | 1.92 | 4600 | 0.089 | 3.16 | 10.96 | 0.431 | 33.0 |
| SFD-BB0524HB | | | 0.10 | 2.40 | 5600 | 0.108 | 3.86 | 17.98 | 0.702 | 38.5 |
| SFD-BB0524HHB | | | 0.12 | 2.88 | 6500 | 0.129 | 4.58 | 21.09 | 0.861 | 45.5 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics



# SFD-BB5020 CE RS

## 50mm DC Blower

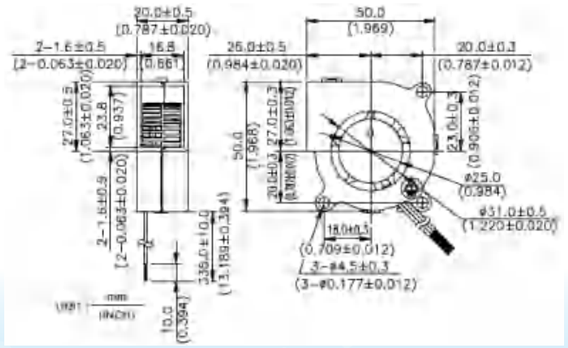
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HD- B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

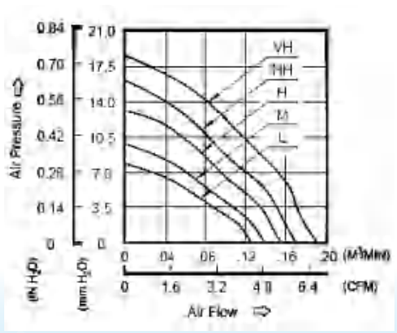
### 50 X 50 X 20mm (Mass:36g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0505LD | 5 | 4.0-6.0 | 0.14 | 0.70 | 3700 | 0.125 | 4.44 | 7.84 | 0.308 | 28.5 |
| SFD-BB0505MD | | | 0.16 | 0.80 | 4100 | 0.138 | 4.90 | 9.81 | 0.386 | 31.5 |
| SFD-BB0505HD | | | 0.18 | 0.90 | 4500 | 0.155 | 5.50 | 13.11 | 0.516 | 34.0 |
| SFD-BB0512LD | 12 | 7.2-13.8 | 0.12 | 1.44 | 3700 | 0.125 | 4.44 | 7.84 | 0.308 | 28.5 |
| SFD-BB0512MD | | | 0.13 | 1.56 | 4100 | 0.138 | 4.90 | 9.81 | 0.386 | 31.5 |
| SFD-BB0512HD | | | 0.14 | 1.68 | 4500 | 0.155 | 5.50 | 13.11 | 0.516 | 34.0 |
| SFD-BB0512HHD | | | 0.16 | 1.92 | 5000 | 0.164 | 5.82 | 16.14 | 0.635 | 37.0 |
| SFD-BB0512VHD | | | 0.24 | 2.88 | 5400 | 0.190 | 6.74 | 18.58 | 0.731 | 39.5 |
| SFD-BB0524LD | 24 | 14.5~27.5 | 0.05 | 1.20 | 3700 | 0.125 | 4.44 | 7.84 | 0.308 | 28.5 |
| SFD-BB0524MD | | | 0.06 | 1.44 | 4100 | 0.138 | 4.90 | 9.81 | 0.386 | 31.5 |
| SFD-BB0524HD | | | 0.07 | 1.68 | 4500 | 0.155 | 5.50 | 13.11 | 0.516 | 34.0 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics






# SFD-BB5215-B CE RS

## 52mm DC Blower

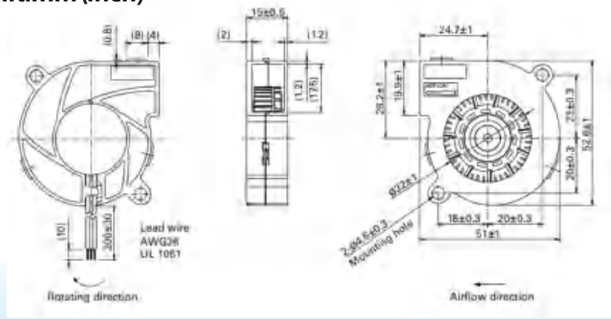
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HB-B B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 52 X 52 X 15mm (Mass:32g)

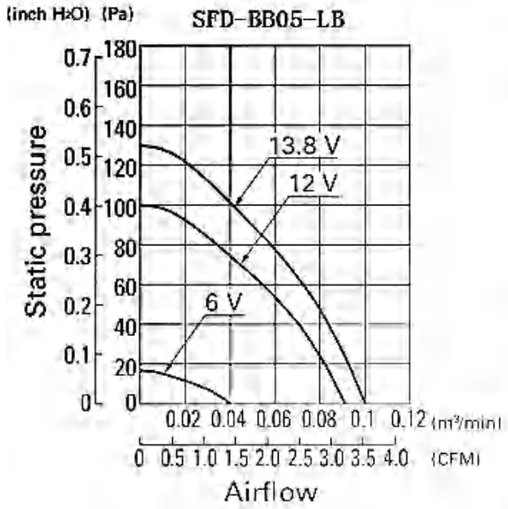
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-BB0505LB-B | 5 | 4.0-6.0 | 0.14 | 0.7 | 4600 | 0.091 | 3.2 | 6.98 | 0.4 | 35.0 |
| SFD-BB0505MB-B | | | 0.19 | 0.95 | 5100 | 0.101 | 3.6 | 10.96 | 0.52 | 38.0 |
| SFD-BB0505HB-B | | | 0.24 | 1.2 | 5600 | 0.112 | 4.0 | 17.98 | 0.55 | 40.0 |
| SFD-BB0505HHB-B | | | 0.29 | 1.45 | 6200 | 0.125 | 4.4 | 17.98 | 0.86 | 43.0 |
| SFD-BB0512LB-B | 12 | 7.2-13.8 | 0.06 | 0.72 | 4600 | 0.091 | 3.2 | 6.98 | 0.4 | 35.0 |
| SFD-BB0512MB-B | | | 0.08 | 0.96 | 5100 | 0.101 | 3.6 | 10.96 | 0.52 | 38.0 |
| SFD-BB0512HB-B | | | 0.1 | 1.2 | 5600 | 0.112 | 4.0 | 17.98 | 0.55 | 40.0 |
| SFD-BB0512HHB-B | | | 0.12 | 1.44 | 6200 | 0.125 | 4.4 | 17.98 | 0.86 | 43.0 |
| SFD-BB0524LB-B | 24 | 14.5~27.5 | 0.03 | 0.72 | 4600 | 0.091 | 3.2 | 6.98 | 0.4 | 35.0 |
| SFD-BB0524MB-B | | | 0.04 | 0.96 | 5100 | 0.101 | 3.6 | 10.96 | 0.52 | 38.0 |
| SFD-BB0524HB-B | | | 0.05 | 1.2 | 5600 | 0.112 | 4.0 | 17.98 | 0.55 | 40.0 |
| SFD-BB0524HHB-B | | | 0.06 | 1.44 | 6200 | 0.125 | 4.4 | 17.98 | 0.86 | 43.0 |

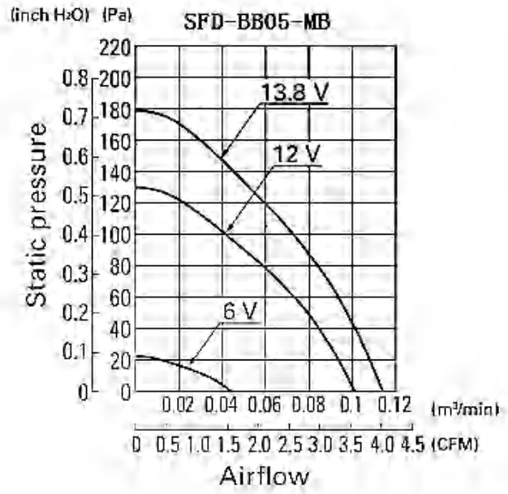
• Dimensions(unit:mm\inch)

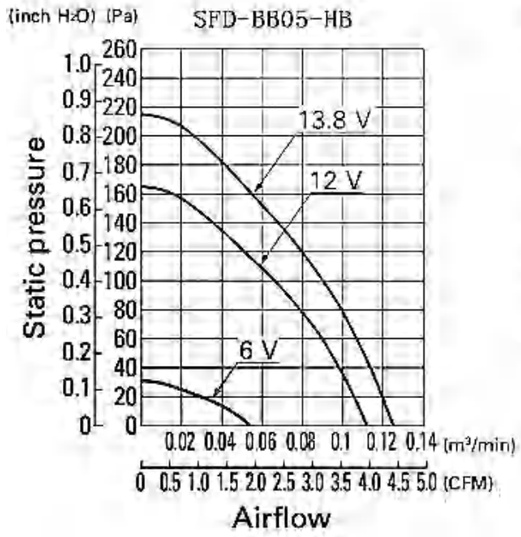


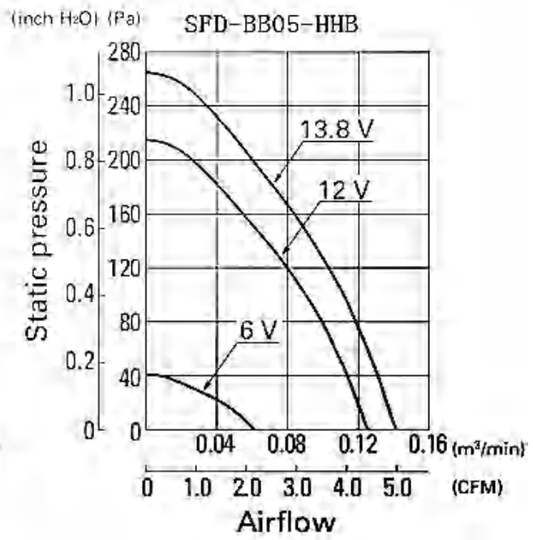
# SFD-BB5215-B CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-B5836 CE RS

## 58mm DC High Pressure Blower

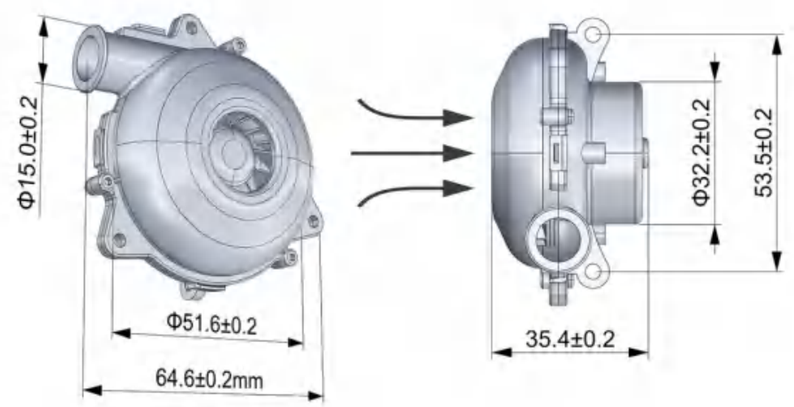
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------20000 Hours Sleeve bearing
torage Temperatur--- -30℃ ~ +40℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-B5836B12UH- B R 1
1: Waterproof level:0=no,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 58 X 36mm (Mass:55g)

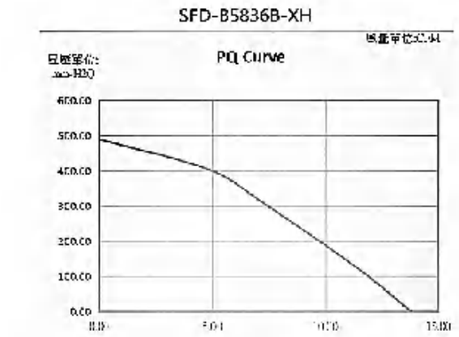
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | L/min | CFM | PA | IN H2O | dB-A |
| SFD-B5836B12UH | 12 | 7-13 | 1.6 | 19.2 | 25000 | 260.3 | 9.2 | 3500 | 10.4 | 55 |
| SFD-B5836B12XH | | | 2.4 | 28.8 | 30000 | 391.9 | 13.8 | 4800 | 19.28 | 64.5 |
| SFD-B5836B24UH | 24 | 14~27 | 0.8 | 19.2 | 25000 | 260.3 | 9.2 | 3500 | 10.4 | 55 |
| SFD-B5836B24XH | | | 1.2 | 28.8 | 30000 | 391.9 | 13.8 | 4800 | 19.28 | 64.5 |

**• Dimensions(unit:mm\inch)**



# SFD-B5836 CE RS

**•Air Flow-Static Pressure Characteristics**



# SFD-BB6015 CE RS

## 60mm DC Blower

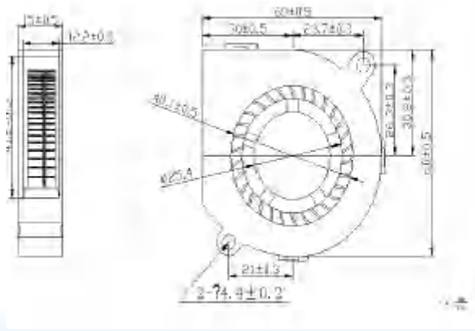
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0612HB- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

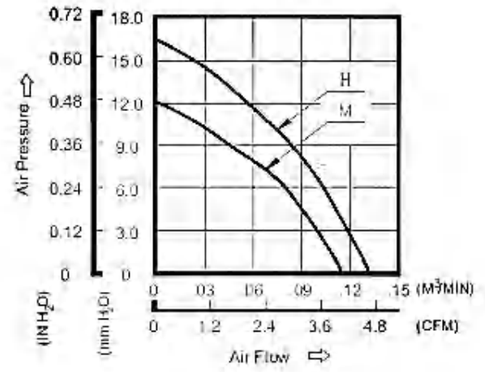
### 60 X 60 X 15mm (Mass:42g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0605MB | 5 | 4.0-6.0 | 0.27 | 1.35 | 4000 | 0.112 | 4.02 | 12.06 | 0.475 | 32.5 |
| SFD-BB0605HB | | | 0.35 | 1.75 | 4900 | 0.131 | 4.62 | 16.45 | 0.648 | 37.5 |
| SFD-BB0612MB | 12 | 7.2-13.8 | 0.18 | 2.16 | 4000 | 0.112 | 4.02 | 12.06 | 0.475 | 32.5 |
| SFD-BB0612HB | | | 0.24 | 2.88 | 4900 | 0.131 | 4.62 | 16.45 | 0.648 | 37.5 |
| SFD-BB0624MB | 24 | 14.5~27.5 | 0.09 | 2.16 | 4000 | 0.112 | 4.02 | 12.06 | 0.475 | 32.5 |
| SFD-BB0624HB | | | 2.64 | 3.60 | 4900 | 0.131 | 4.62 | 16.45 | 0.648 | 37.5 |

**• Dimensions(unit:mm\inch)**



**•Air Flow-Static Pressure Characteristics**



# SFD-BB6018 CE RS

## 60mm DC Blower

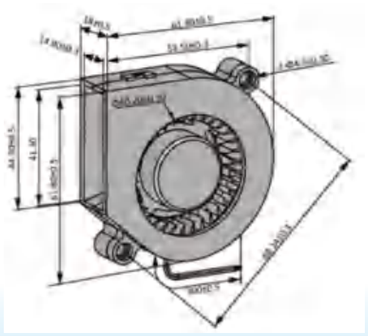
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------30000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0612HHM- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

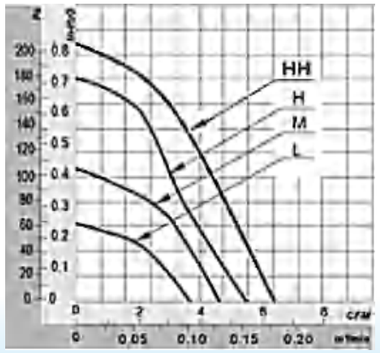
### 60 X 60 X 18mm (Mass:45g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-BB0605LB | 5 | 4.0-6.0 | 0.2 | 1.0 | 3500 | 0.11 | 4.06 | 62.37 | 0.25 | 31.5 |
| SFD-BB0605MB | | | 0.3 | 1.5 | 4500 | 0.14 | 5.09 | 104.54 | 0.42 | 33.5 |
| SFD-BB0605HB | | | 0.4 | 2.0 | 5500 | 0.17 | 5.89 | 176.81 | 0.71 | 39.5 |
| SFD-BB0612LB | 12 | 7.2-13.8 | 0.1 | 1.2 | 3500 | 0.11 | 4.06 | 62.37 | 0.25 | 31.5 |
| SFD-BB0612MB | | | 0.15 | 1.8 | 4500 | 0.14 | 5.09 | 104.54 | 0.42 | 33.5 |
| SFD-BB0612HB | | | 0.25 | 3.0 | 5500 | 0.17 | 5.89 | 176.81 | 0.71 | 36.5 |
| SFD-BB0612HHB | | | 0.30 | 3.6 | 6500 | 0.188 | 6.52 | 211.67 | 0.85 | 39.5 |
| SFD-BB0624HB | 24 | 15-28.8 | 0.12 | 2.88 | 5500 | 0.17 | 5.89 | 176.81 | 0.71 | 39.5 |
| SFD-BB0624HHB | | | 0.16 | 3.84 | 6500 | 0.188 | 6.52 | 211.67 | 0.85 | 39.5 |

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics





Email：sales@catr.net Phone & WeChat：0086-15271920979

# SFD-BB6025 CE RS

## 60mm DC Blower

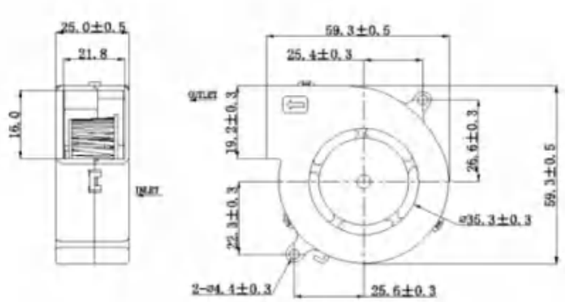
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0612HH- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

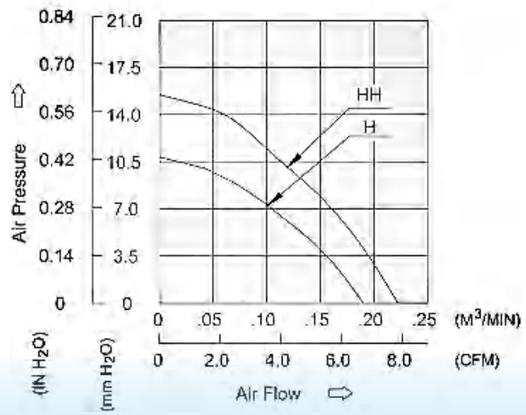
### 60 X 60 X 25mm (Mass:52g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0605M | 5 | 4.0-6.0 | 0.4 | 2.0 | 3200 | 0.19 | 6.1 | 10.86 | 0.428 | 34 |
| SFD-BB0605HB | | | 0.5 | 2.5 | 3700 | 0.223 | 7.88 | 15.49 | 0.61 | 38.5 |
| SFD-BB0612M | 12 | 7.2-13.8 | 0.18 | 2.16 | 3200 | 0.19 | 6.1 | 10.86 | 0.428 | 34 |
| SFD-BB0612H | | | 0.24 | 2.88 | 3700 | 0.223 | 7.88 | 15.49 | 0.61 | 38.5 |
| SFD-BB0624M | 24 | 14.5~27.5 | 0.9 | 2.16 | 3200 | 0.19 | 6.1 | 10.86 | 0.428 | 34 |
| SFD-BB0624H | | | 0.12 | 2.88 | 3700 | 0.223 | 7.88 | 15.49 | 0.61 | 38.5 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics



# SFD-BB7530 CE RS

## 75mm DC Blower

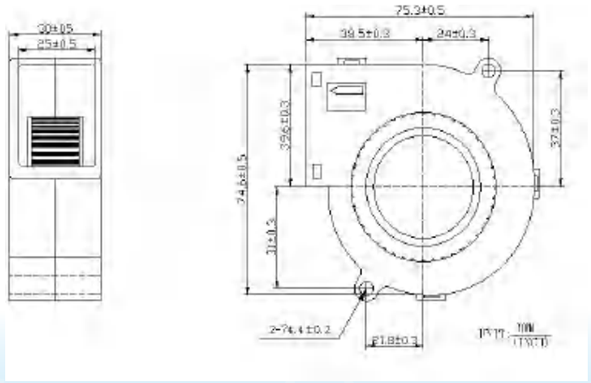
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0712HD- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

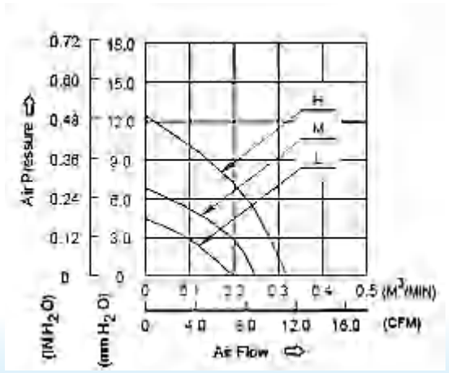
### 75 X 75 X 30mm (Mass:96g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB07505LD | 5 | 4.0-6.0 | 0.26 | 1.30 | 2200 | 0.218 | 8.1 | 5.9 | 0.218 | 29.5 |
| SFD-BB07505MD | | | 0.38 | 1.90 | 2950 | 0.325 | 11.3 | 12.2 | 0.485 | 38.0 |
| SFD-BB07512LD | 12 | 7.2-13.8 | 0.13 | 1.56 | 2200 | 0.218 | 8.1 | 5.9 | 0.218 | 29.5 |
| SFD-BB07512MD | | | 0.23 | 2.76 | 2950 | 0.325 | 11.3 | 12.2 | 0.485 | 38.0 |
| SFD-BB07512HD | | | 0.32 | 3.84 | 3650 | 0.421 | 14.3 | 15.1 | 0.675 | 45.0 |
| SFD-BB07524LD | 24 | 14.5~27.5 | 0.08 | 1.92 | 2200 | 0.218 | 8.1 | 5.9 | 0.218 | 29.5 |
| SFD-BB07524MD | | | 0.15 | 3.60 | 2950 | 0.325 | 11.3 | 12.2 | 0.485 | 38.0 |
| SFD-BB07524HD | | | 0.18 | 4.32 | 3650 | 0.421 | 14.3 | 15.1 | 0.675 | 45.0 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-BB7530-A CE RS

## 75mm DC Blower

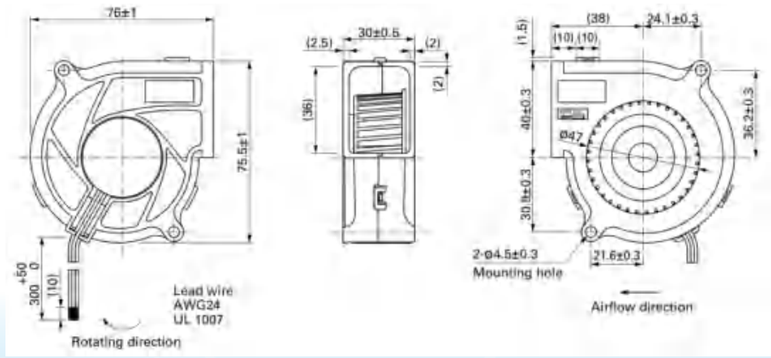
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB7512HH-A B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 75 X 75 X 30mm (Mass:100g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB7505L-A | 5 | 4.0-6.0 | 0.3 | 1.5 | 2100 | 0.25 | 8.8 | 5.99 | 0.236 | 32.5 |
| SFD-BB7505M-A | | | 0.65 | 3.25 | 2600 | 0.31 | 10.9 | 10.01 | 0.394 | 37 |
| SFD-BB7505H-A | | | 0.88 | 4.44 | 3000 | 0.36 | 12.7 | 15.49 | 0.61 | 41.5 |
| SFD-BB7512L-A | 12 | 7.2-13.8 | 0.14 | 1.68 | 2100 | 0.25 | 8.8 | 5.99 | 0.236 | 32.5 |
| SFD-BB7512M-A | | | 0.27 | 3.24 | 2600 | 0.31 | 10.9 | 10.01 | 0.394 | 37 |
| SFD-BB7512H-A | | | 0.37 | 4.44 | 3000 | 0.36 | 12.7 | 15.49 | 0.61 | 41.5 |
| SFD-BB7524L-A | 24 | 14.5~27.5 | 0.07 | 1.68 | 2100 | 0.25 | 8.8 | 5.99 | 0.236 | 32.5 |
| SFD-BB7524M-A | | | 0.13 | 3.12 | 2600 | 0.31 | 10.9 | 10.01 | 0.394 | 37 |
| SFD-BB7524H-A | | | 0.18 | 4.32 | 3000 | 0.36 | 12.7 | 15.49 | 0.61 | 41.5 |

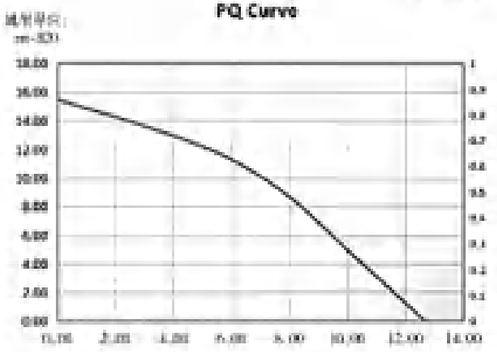
• **Dimensions(unit:mm\inch)**



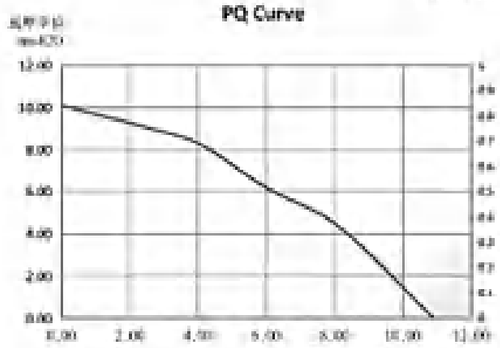
# SFD-BB7530-A CE RS

**•Air Flow-Static Pressure Characteristics**

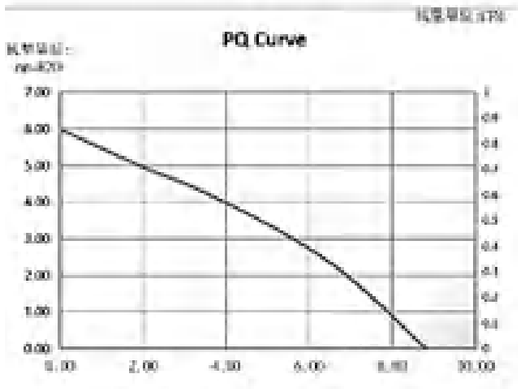
SFD-BB75-H-A




SFD-BB75-M-A




SFD-BB75-L-A





Email：sales@catr.net Phone & WeChat：0086-15271920979

# SFD-BB7530-B CE RS

## 75mm DC Blower

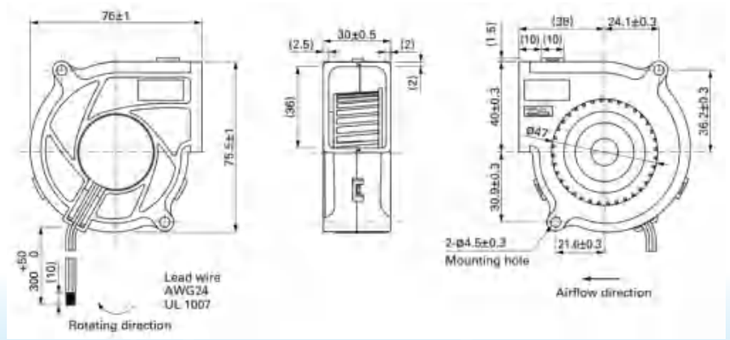
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB7512HH-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 75 X 75 X 30mm (Mass:100g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB7512HH-B | 12 | 7.2-13.8 | 0.3 | 3.6 | 4000 | 0.40 | 14.3 | 17.79 | 0.70 | 45.5 |
| SFD-BB7512VH-B | | | 0.4 | 4.8 | 4500 | 0.43 | 15.42 | 25.67 | 0.93 | 47.5 |
| SFD-BB7512SH-B | | | 0.52 | 6.24 | 5000 | 0.48 | 17.21 | 31.98 | 1.25 | 49.5 |
| SFD-BB7512GH-B | | | 0.96 | 11.52 | 6000 | 0.58 | 20.69 | 45.38 | 1.78 | 54.5 |
| SFD-BB7512XH-B | | | 1.3 | 15.6 | 7000 | 0.69 | 24.47 | 62.03 | 2.44 | 59.5 |
| SFD-BB7524HH-B | 24 | 14.5~27.5 | 0.15 | 3.6 | 4000 | 0.40 | 14.3 | 17.79 | 0.70 | 45.5 |
| SFD-BB7524VH-B | | | 0.2 | 4.9 | 4500 | 0.43 | 15.42 | 25.67 | 0.93 | 47.5 |
| SFD-BB7524SH-B | | | 0.26 | 6.24 | 5000 | 0.48 | 17.21 | 31.98 | 1.25 | 49.5 |
| SFD-BB7524GH-B | | | 0.48 | 11.52 | 6000 | 0.58 | 20.69 | 45.38 | 1.78 | 54.5 |
| SFD-BB7524XH-B | | | 0.65 | 15.6 | 7000 | 0.69 | 24.47 | 62.03 | 2.44 | 59.5 |

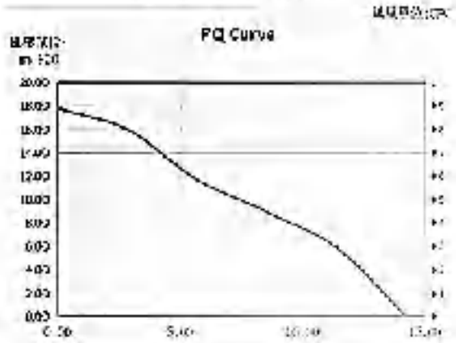
**• Dimensions(unit:mm\inch)**



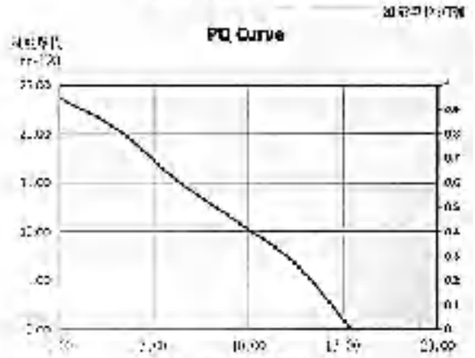
# SFD-BB7530-B CE RS

**•Air Flow-Static Pressure Characteristics**

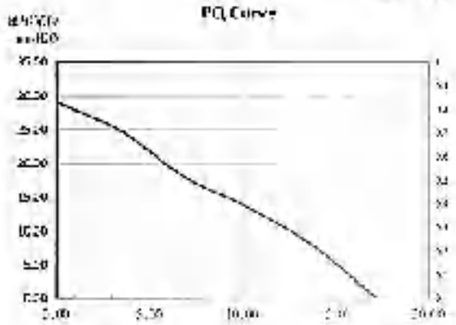
SFD-BB75-HH-B



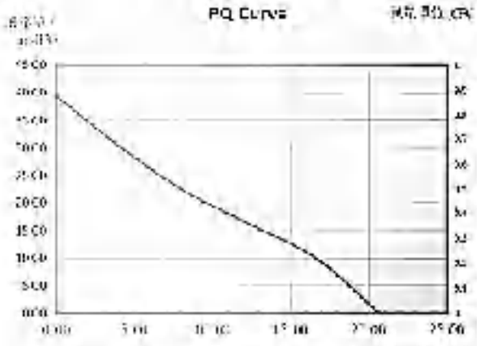

SFD-BB75-VH-B



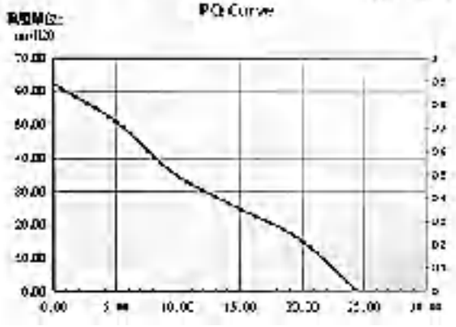

SFD-BB75-SH-B




SFD-BB75-GH-B




SFD-BB75-XH-B






# SFD-BB9733-A CE RS

## 97mm DC Blower

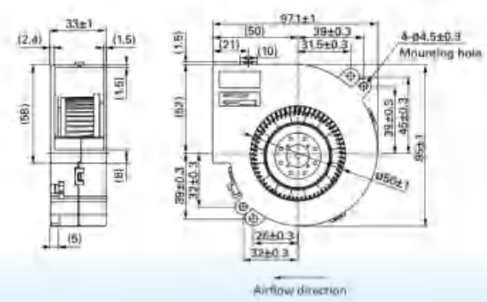
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB9733H12- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

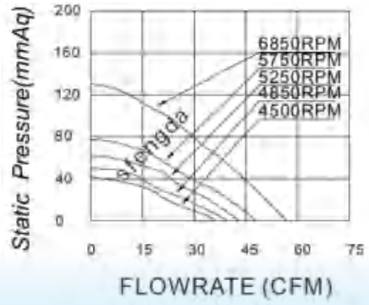
**97 X 33mm (Mass:200g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB9733H12 | 12 | 7.2-13.8 | 0.9 | 10.8 | 4500 | 1.04 | 36.7 | 41.6 | 1.64 | 55 |
| SFD-BB9733HH12 | | | 1.1 | 13.2 | 4850 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB9733VH12 | | | 1.4 | 16.8 | 5250 | 1.22 | 43.1 | 62.23 | 2.45 | 58 |
| SFD-BB9733SH12 | | | 1.8 | 21.6 | 5750 | 1.34 | 47.3 | 77.47 | 3.05 | 60 |
| SFD-BB9733GH12 | | | 3.4 | 40.8 | 6850 | 1.61 | 56.8 | 130.55 | 5.14 | 65.5 |
| SFD-BB9733H24 | 24 | 14.5~27.5 | 0.45 | 10.8 | 4500 | 1.04 | 36.7 | 41.6 | 1.64 | 55 |
| SFD-BB9733HH24 | | | 0.55 | 13.2 | 4850 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB9733VH24 | | | 0.7 | 16.8 | 5250 | 1.22 | 43.1 | 62.23 | 2.45 | 58 |
| SFD-BB9733SH24 | | | 0.83 | 19.92 | 5750 | 1.34 | 47.3 | 77.47 | 3.05 | 60 |
| SFD-BB9733GH24 | | | 1.62 | 38.88 | 6850 | 1.61 | 56.8 | 130.55 | 5.14 | 65.5 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



# SFD-BB9733-B CE RS

## 97mm DC Blower

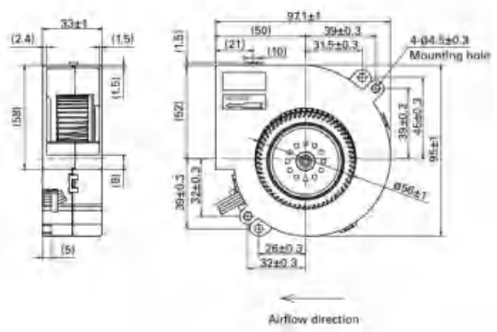
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB9733UH12- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

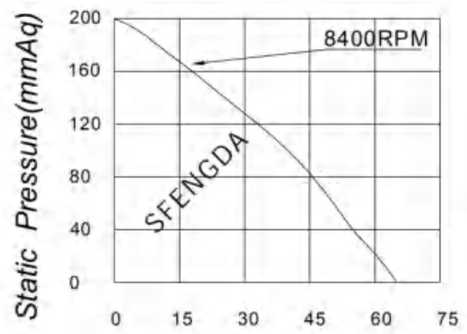
**97 X 33mm (Mass:205g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB9733UH12 | 12 | 7.2-13.8 | 5.7 | 68.4 | 8400 | 1.91 | 67.2 | 201.16 | 7.92 | 69 |
| SFD-BB9733UH24 | 24 | 14.5~27.5 | 2.85 | 68.4 | 8400 | 1.91 | 67.2 | 201.16 | 7.92 | 69 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**






# SFD-BB9733-C CE RS

## 97mm DC Blower

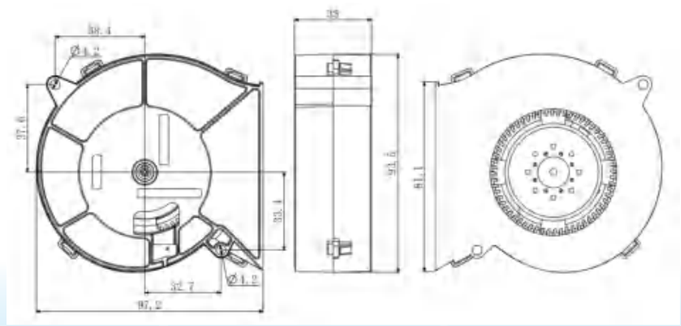
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB9733H12-C- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**97 X 33mm (Mass:205g)**

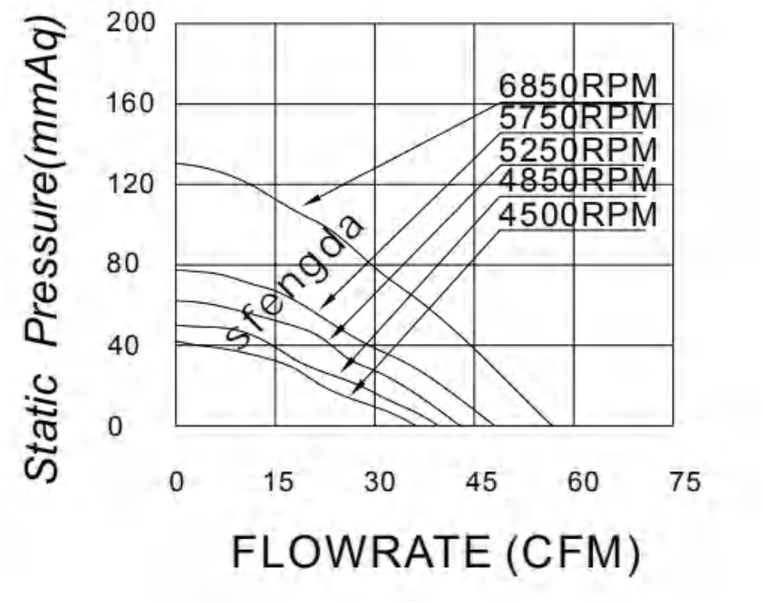
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB9733H12-C | 12 | 7.2-13.8 | 0.9 | 10.8 | 4500 | 1.04 | 36.7 | 41.6 | 1.64 | 55 |
| SFD-BB9733HH12-C | | | 1.1 | 13.2 | 4850 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB9733VH12-C | | | 1.4 | 16.8 | 5250 | 1.22 | 43.1 | 62.23 | 2.45 | 58 |
| SFD-BB9733SH12-C | | | 1.8 | 21.6 | 5750 | 1.34 | 47.3 | 77.47 | 3.05 | 60 |
| SFD-BB9733GH12-C | | | 3.4 | 40.8 | 6850 | 1.61 | 56.8 | 130.55 | 5.14 | 65.5 |
| SFD-BB9733H24-C | 24 | 14.5~27.5 | 0.45 | 10.8 | 4500 | 1.04 | 36.7 | 41.6 | 1.64 | 55 |
| SFD-BB9733HH24-C | | | 0.55 | 13.2 | 4850 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB9733VH24-C | | | 0.7 | 16.8 | 5250 | 1.22 | 43.1 | 62.23 | 2.45 | 58 |
| SFD-BB9733SH24-C | | | 0.83 | 19.92 | 5750 | 1.34 | 47.3 | 77.47 | 3.05 | 60 |
| SFD-BB9733GH24-C | | | 1.62 | 38.88 | 6850 | 1.61 | 56.8 | 130.55 | 5.14 | 65.5 |

**• Dimensions(unit:mm\inch)**



# SFD-BB9733-C CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-BB12032-C CE RS

## 120mm DC Blower

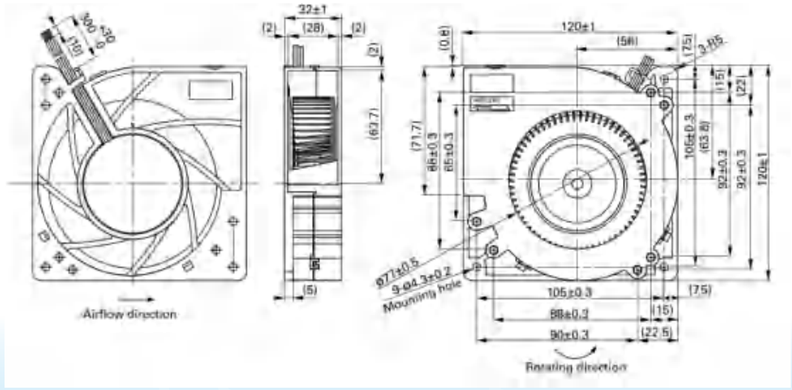
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±5%
Part Numbering System
SFD-BB12032LF12- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 32mm (Mass:280g)**

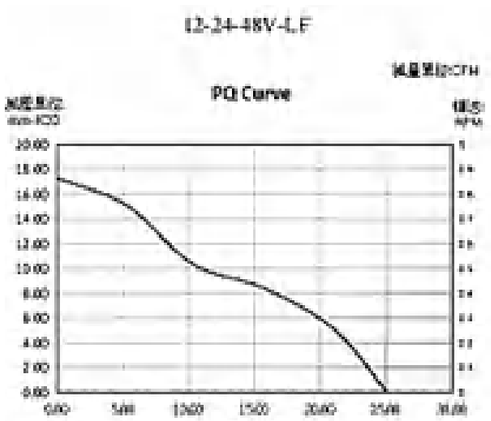
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB12032LF12-C | 12 | 7.2-13.8 | 0.7 | 8.4 | 2100 | 0.71 | 25.0 | 17.0 | 0.669 | 43.5 |
| SFD-BB12032MF12-C | 12 | | 1.0 | 12.0 | 2500 | 1.04 | 36.5 | 31.0 | 1.22 | 48.5 |
| SFD-BB12032HF12-C | 12 | | 1.35 | 16.2 | 2800 | 1.18 | 41.6 | 41.0 | 1.614 | 52.5 |
| SFD-BB12032LF24-C | 24 | 13-27.8 | 0.35 | 8.4 | 2100 | 1.04 | 36.5 | 31.0 | 1.22 | 43.5 |
| SFD-BB12032MF24-C | 24 | | 0.5 | 12.0 | 2500 | 1.18 | 41.6 | 41.0 | 1.614 | 48.5 |
| SFD-BB12032HF24-C | 24 | | 0.675 | 16.2 | 2800 | 1.18 | 41.5 | 41.0 | 1.614 | 52.5 |
| SFD-BB12032LF48-C | 48 | 36-54.8 | 0.175 | 8.4 | 2100 | 1.04 | 36.5 | 31.0 | 1.22 | 43.5 |
| SFD-BB12032MF48-C | 48 | | 0.25 | 12.0 | 2500 | 1.18 | 41.6 | 41.0 | 1.614 | 48.5 |

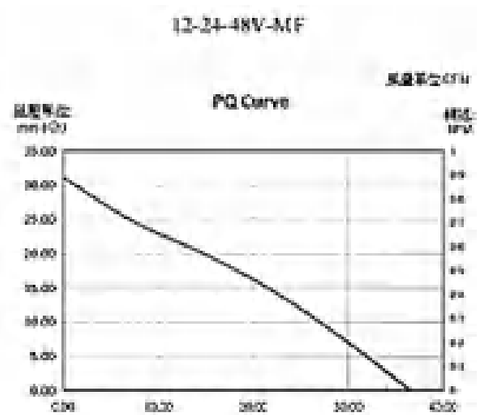
**• Dimensions(unit:mm\inch)**

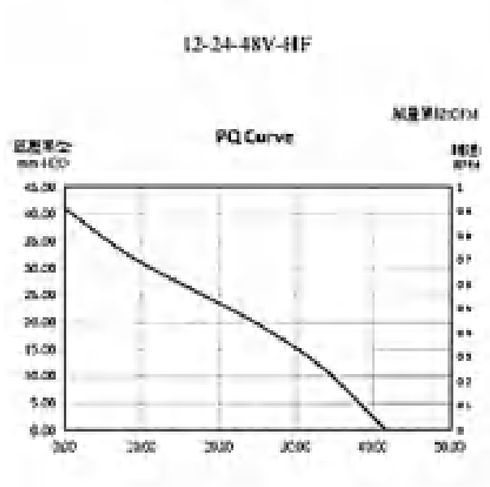


# SFD-BB12032-C CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-BB12032-B CE RS

## 120mm DC Blower

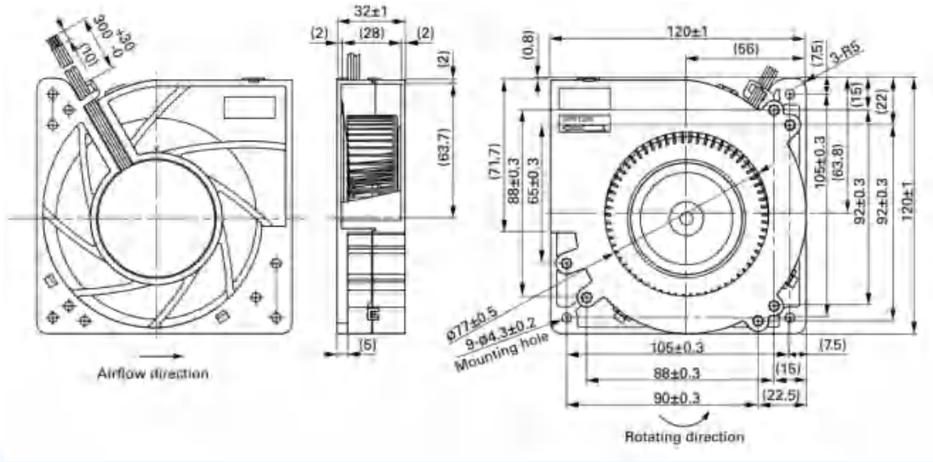
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±5%
Part Numbering System
SFD-BB9733UH12- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 32mm (Mass:390g)**

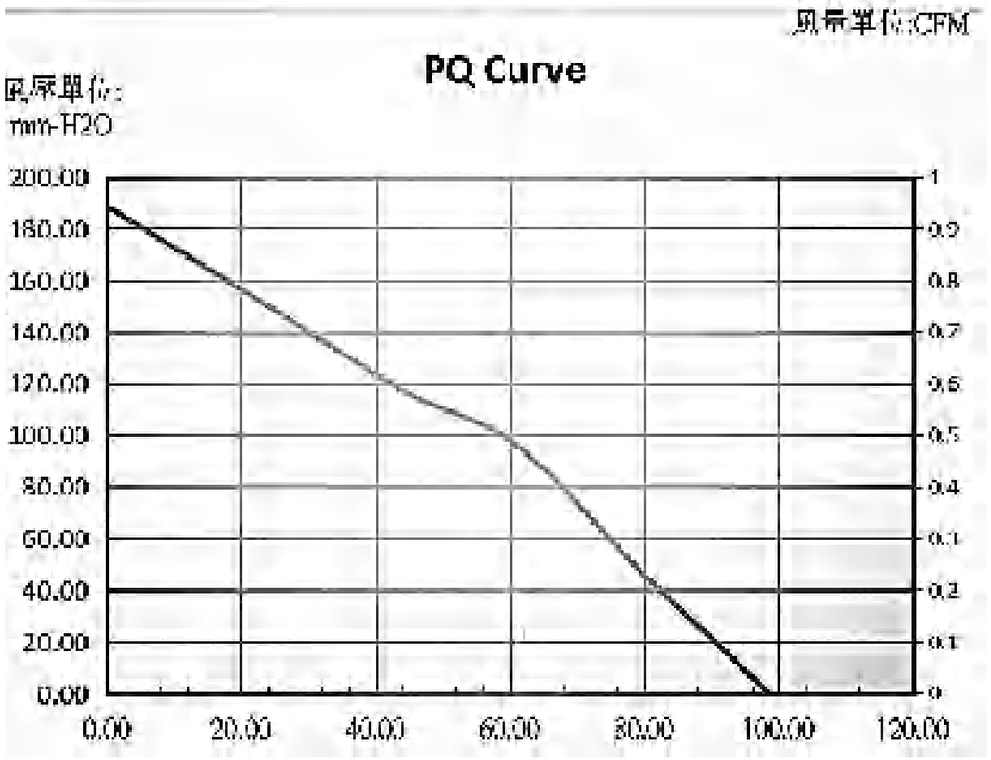
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB12032UHF24 | 24 | 13-27.8 | 4.0 | 96 | 6000 | 2.8 | 98.6 | 188.72 | 7.43 | 72.5 |
| SFD-BB12032UHF48 | 48 | 36-54.8 | 2.0 | 96 | 6000 | 2.8 | 98.6 | 188.72 | 7.43 | 72.5 |

**• Dimensions(unit:mm\inch)**



# SFD-BB12032-B CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-BB12725-A CE RS

## 127mm DC Blower

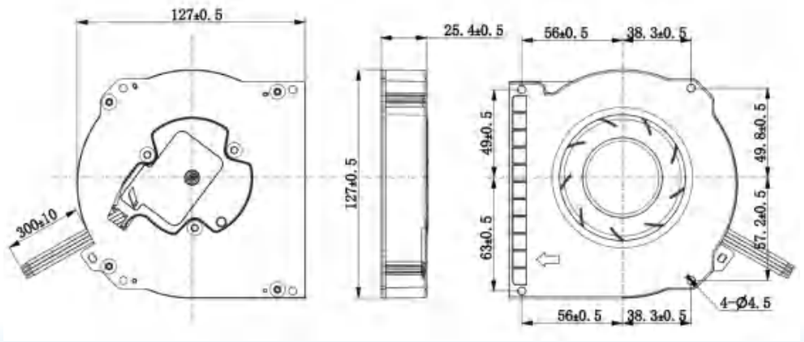
### General Specifications

Material ---------- Frame:Plastics (Flammability:UL94V-0) +Sheet steel
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------60000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB12725H12-A- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 127 X 25mm (Mass:205g)

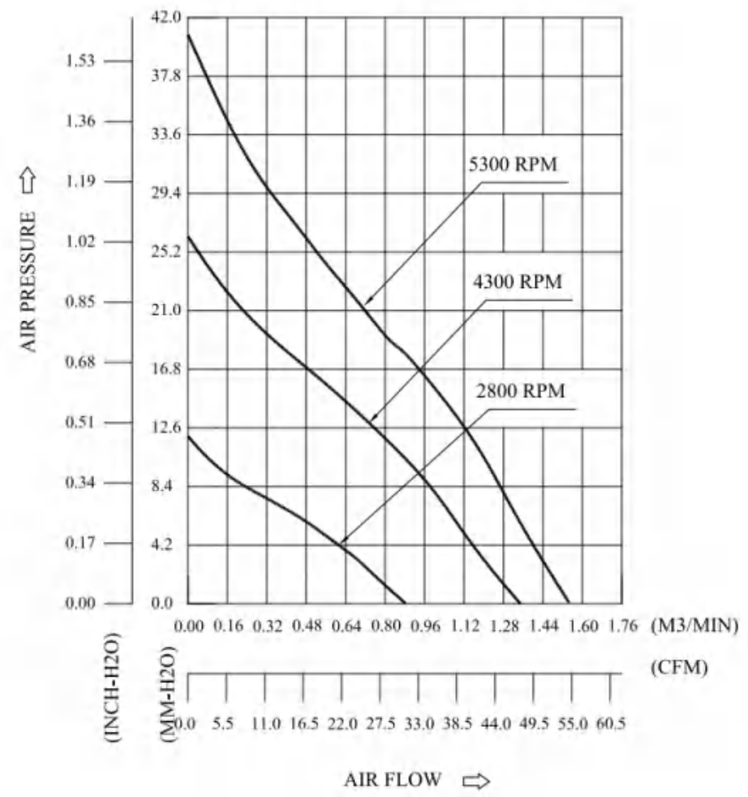
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB12725H12-A | 12 | 7.2~13.8 | 0.9 | 10.8 | 2800 | 1.04 | 36.7 | 41.6 | 1.64 | 42 |
| SFD-BB12725HH12-A | | | 1.1 | 13.2 | 4300 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB12725VH12-A | | | 1.4 | 16.8 | 5300 | 1.22 | 43.1 | 62.23 | 2.45 | 62 |
| SFD-BB12725H24-A | 24 | 14.5~27.5 | 0.1 | 2.4 | 2800 | 1.04 | 36.7 | 41.6 | 1.64 | 42 |
| SFD-BB12725HH24-A | | | 0.27 | 6.48 | 4300 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB12725VH24-A | | | 0.5 | 12.0 | 5300 | 1.22 | 43.1 | 62.23 | 2.45 | 62 |
| SFD-BB12725HH48-A | 48 | 36.5~60.5 | 0.55 | 13.2 | 4300 | 1.11 | 39.2 | 49.98 | 1.968 | 56 |
| SFD-BB12725VH48-A | | | 0.25 | 12.0 | 5300 | 1.22 | 43.1 | 62.23 | 2.45 | 62 |

**• Dimensions(unit:mm\inch)**



# SFD-BB12725-A CE RS

**•Air Flow-Static Pressure Characteristics**



# DC Centeifugal Fan
# DC离心风扇

## Φ70mm DC 离心风机 DC centrifugal fans

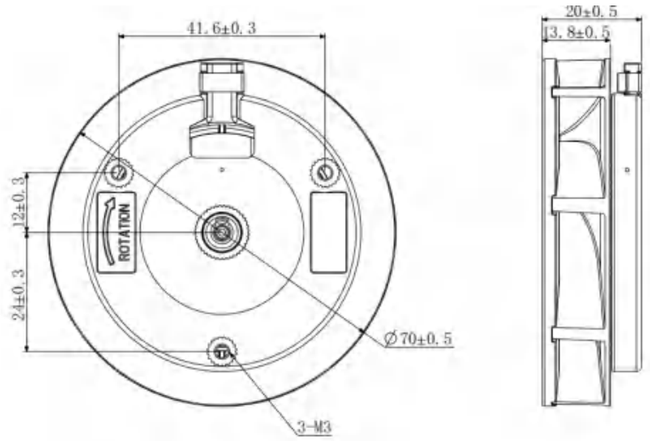
### General Specifications

Material ----------Frame:Plastics PBT (Flammability:UL94V-0)
Impeller:Plastics PBT (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------70000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP0712GHD-A B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ70 mm 后向 backward curved-92G

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-CAP0712GHD-A | 12 | 6.2-13.2 | 0.9 | 10.8 | 9200 | 1.13 | 39.9 | 560 | 2.24 | 61 |
| SFD-CAP0724GHD-A | 24 | 13.2-26.8 | 0.45 | 10.8 | 9200 | 1.13 | 39.9 | 560 | 2.24 | 61 |

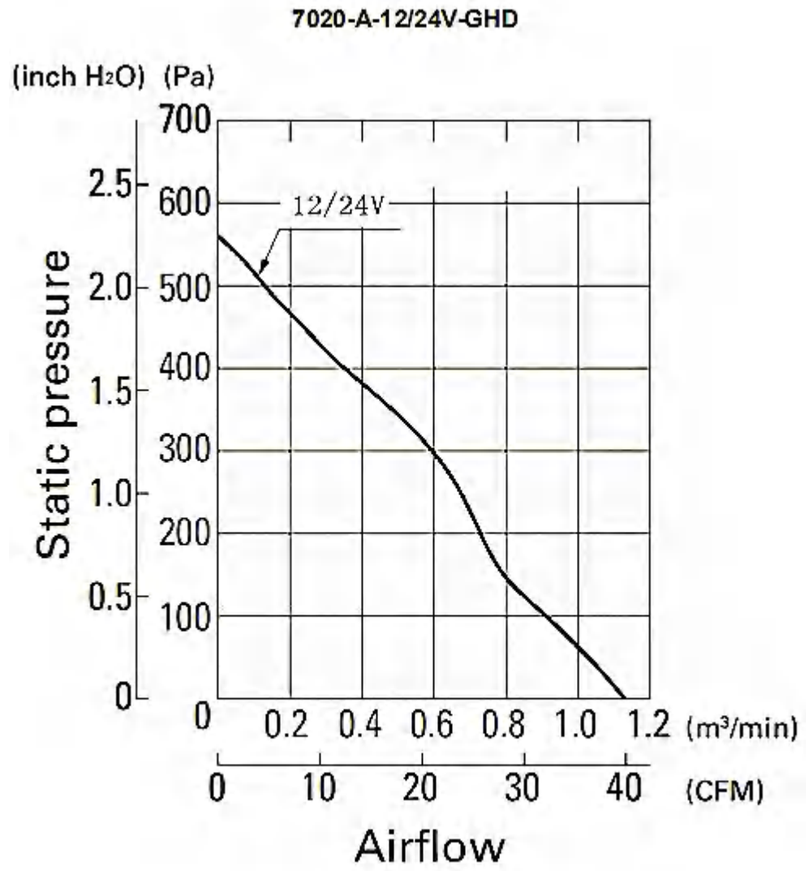
**• Dimensions(unit:mm\inch)**






SFD-CAP Φ7020-A CE RS

**•Air Flow-Static Pressure Characteristics**



# SFD-CAP Φ100 CE RS

## Φ100mm DC 离心风机 DC centrifugal fans

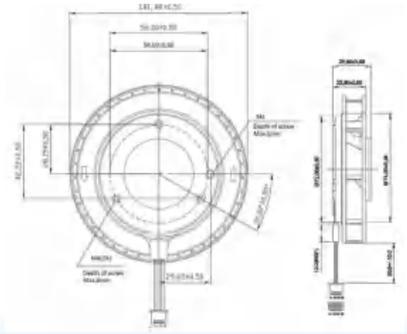
### General Specifications

Material ----------Frame:Plastics PBT (Flammability:UL94V-0)
Impeller:Plastics PBT (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +80℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP10025M- B R 1
1 — Waterproof level:0=IP42,1=IP55,2=IP68
R — Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B — Bearing:S=sleeve bearing,B=ball bearing

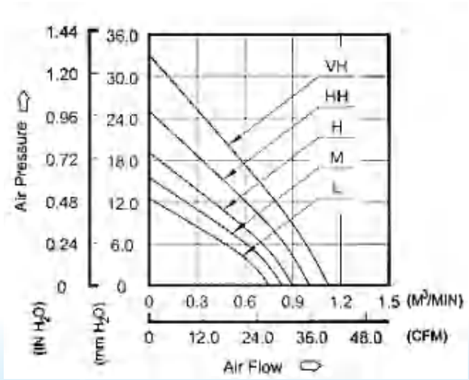
### Φ100 mm 后向 backward curved

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-CAP10025L | 5 | 4.0-6.0 | 0.5 | 2.5 | 2600 | 0.65 | 21.4 | 15.6 | 0.68 | 32.5 |
| SFD-CAP10025L | 12 | 6.2-15.8 | 0.3 | 3.6 | 3000 | 0.75 | 26.4 | 20.4 | 0.79 | 35.5 |
| SFD-CAP10025M | | | 0.38 | 4.56 | 3500 | 0.98 | 37.3 | 24.8 | 0.98 | 41.5 |
| SFD-CAP10025H | | | 0.48 | 5.76 | 4100 | 1.28 | 45.2 | 29.2 | 1.17 | 46.5 |
| SFD-CAP10025HH | | | 0.65 | 7.8 | 4600 | 1.42 | 49.6 | 33.5 | 1.32 | 51.5 |
| SFD-CAP10025VH | | | 0.8 | 9.6 | 5100 | 1.54 | 54.5 | 38.6 | 1.51 | 56.5 |
| SFD-CAP10025H24 | 24 | 13.2-28.8 | 0.24 | 5.8 | 4100 | 1.28 | 45.2 | 29.2 | 1.17 | 46.5 |
| SFD-CAP10025H48 | 48 | 32.0-54.0 | 0.12 | 5.8 | 4100 | 1.28 | 45.2 | 29.2 | 1.17 | 46.5 |

**• Dimensions(unit:mm\inch)**



**•Air Flow-Static Pressure Characteristics**






# SFD-CAP Φ10042-A CE RS

## Φ100mm DC 离心风机 DC centrifugal fans

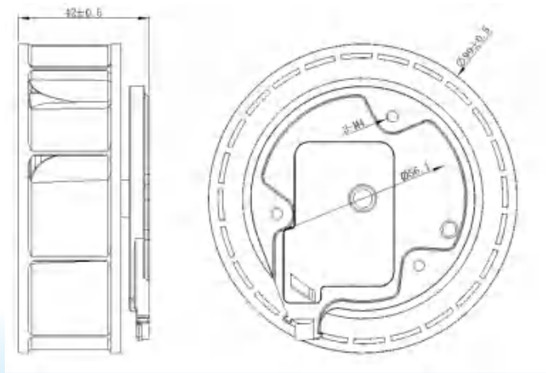
### General Specifications

Material ----------Frame:Plastics PBT (Flammability:UL94V-0)
Impeller:Plastics PBT (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP10042MG-A B R 1
1 — Waterproof level:0=IP42,1=IP55,2=IP68
R — Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B — Bearing:S=sleeve bearing,B=ball bearing

### Φ100 mm 后向 backward curved

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-CAP10042LG12-A | 12 | 6.2-13.2 | 0.11 | 1.36 | 2000 | 0.96 | 33.94 | 6.6 | 0.25 | 32.5 |
| SFD-CAP10042MG12-A | | | 0.32 | 3.90 | 3000 | 1.49 | 52.78 | 11.3 | 0.44 | 38.5 |
| SFD-CAP10042HG12-A | | | 0.85 | 10.20 | 4000 | 2.08 | 73.31 | 20.45 | 0.80 | 44.5 |
| SFD-CAP10042HHG12-A | | | 2.56 | 30.8 | 6000 | 3.37 | 118.99 | 46.67 | 1.83 | 58.5 |
| SFD-CAP10042HG24-A | 24 | 13.2-26.8 | 0.43 | 10.32 | 4000 | 2.08 | 73.31 | 20.45 | 0.80 | 44.5 |
| SFD-CAP10042HHG24-A | 24 | | 1.28 | 30.72 | 6000 | 3.37 | 118.99 | 46.67 | 1.83 | 58.5 |
| SFD-CAP10042HG48-A | 48 | 33.0-54.0 | 0.21 | 10.32 | 4000 | 2.08 | 73.31 | 20.45 | 0.80 | 44.5 |
| SFD-CAP10042HHG48-A | 48 | | 0.64 | 30.72 | 6000 | 3.37 | 118.99 | 46.67 | 1.83 | 58.5 |

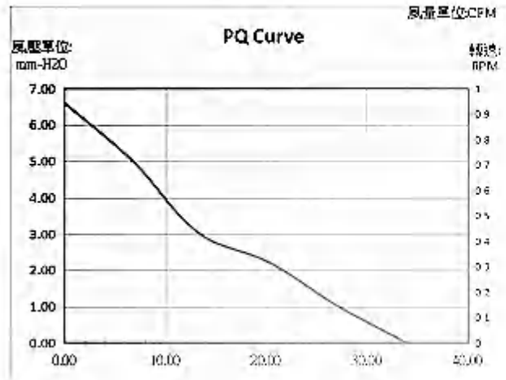
**• Dimensions(unit:mm\inch)**



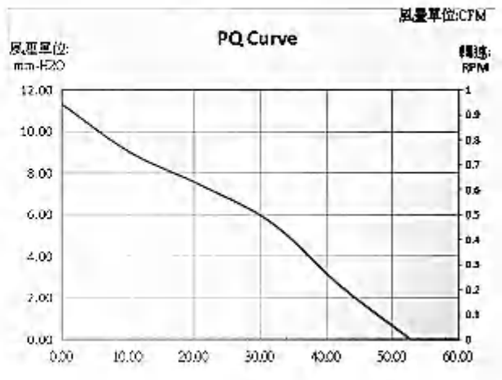
# SFD-CAP Φ10042-A CE RS

•**Air Flow-Static Pressure Characteristics**

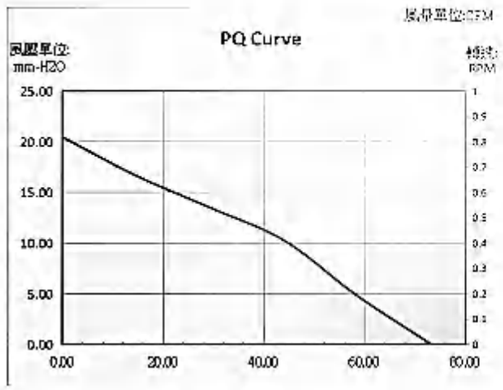
**10042-A-LG**



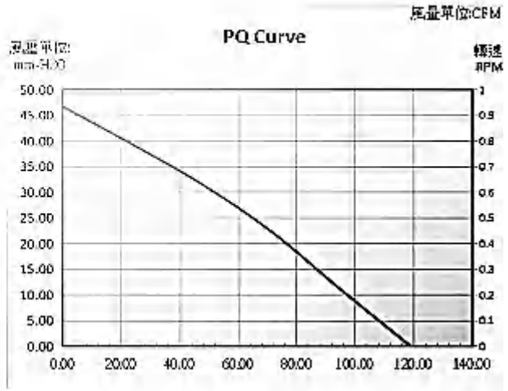

**10042-A-MG**




**10042-A-HG**




**10042-A-HHG**






# SFD-CAP Φ120 CE RS

## Φ120mm DC 离心风机 DC centrifugal fans

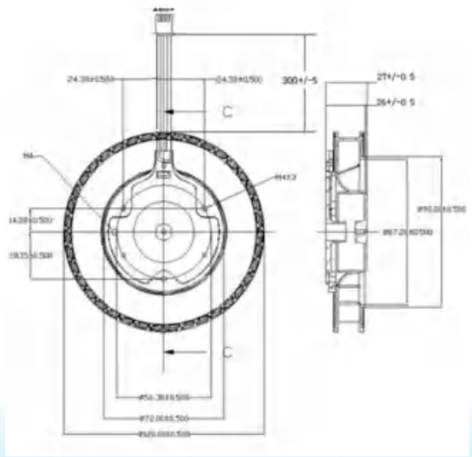
### General Specifications

Material ----------Frame:Plastics PBT (Flammability:UL94V-0)
Impeller:Plastics PBT (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +80℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP10025M- B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ120 mm 后向 backward curved

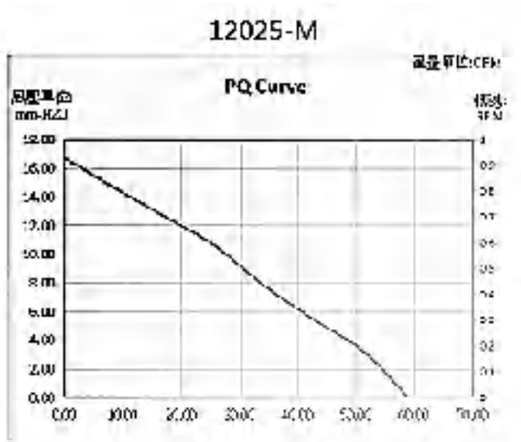
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-CAP12025M | 12 | 6.2-15.8 | 0.5 | 6.0 | 3000 | 1.67 | 58.9 | 16.7 | 0.66 | 45.5 |
| SFD-CAP12025H | | | 0.8 | 9.6 | 3500 | 2.06 | 72.64 | 23.67 | 0.93 | 51.5 |
| SFD-CAP12025HH | | | 1.2 | 14.44 | 4000 | 2.30 | 81.12 | 28.27 | 1.11 | 56.5 |
| SFD-CAP12025H24 | 24 | 13.2-28.8 | 0.48 | 9.6 | 3500 | 2.06 | 72.64 | 23.67 | 0.93 | 51.5 |
| SFD-CAP12025H48 | 48 | 32.0-54.0 | 0.24 | 9.6 | 3500 | 2.06 | 72.64 | 23.67 | 0.93 | 51.5 |

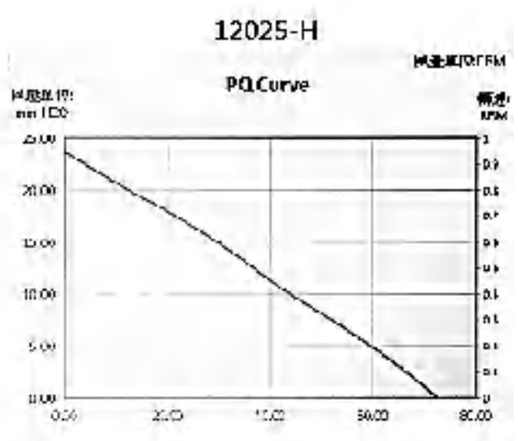
• **Dimensions(unit:mm\inch)**

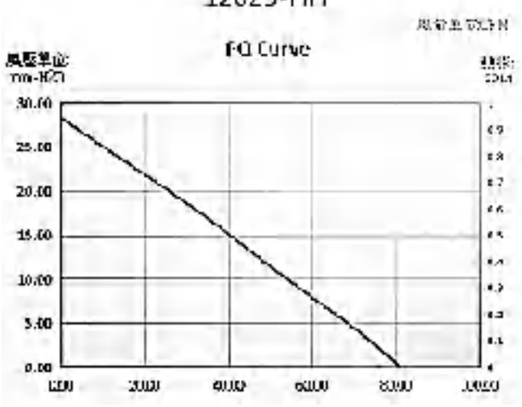


# SFD-CAP Φ120 CE RS

**•Air Flow-Static Pressure Characteristics**






# SFD-CAP Φ120-A CE RS

## Φ120mm DC 离心风机 DC centrifugal fans

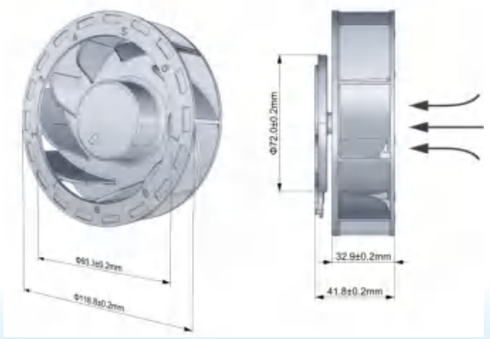
### General Specifications

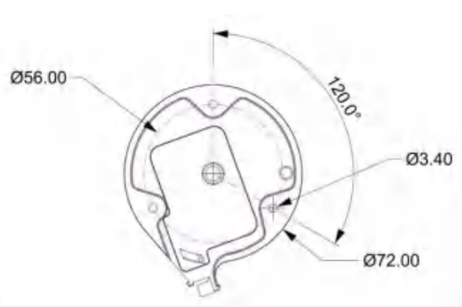
Material ----------Frame:Plastics PBT (Flammability:UL94V-0)
Impeller:Plastics PBT (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +80℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP12042MG- B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ120 mm 后向 backward curved

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-CAP12042LG-A | 12 | 6.2-13.2 | 0.22 | 2.64 | 2000 | 1.564 | 55.06 | 7.39 | 0.29 | 35.5 |
| SFD-CAP12042MG-A | | | 0.4 | 4.8 | 2500 | 2.12 | 74.50 | 12.91 | 0.51 | 39.5 |
| SFD-CAP12042HG-A | | | 0.65 | 7.8 | 3000 | 2.53 | 89.25 | 18.69 | 0.74 | 43.5 |
| SFD-CAP12042HHG-A | | | 1.05 | 12.6 | 3500 | 2.95 | 103.82 | 24.89 | 0.98 | 47.5 |
| SFD-CAP12042VHG-A | | | 1.5 | 18.0 | 4000 | 3.41 | 120.22 | 31.47 | 1.24 | 51.5 |
| SFD-CAP12042VHG24 | 24 | 13.2-26.8 | 0.75 | 18.0 | 4000 | 3.41 | 120.22 | 31.47 | 1.24 | 51.5 |
| SFD-CAP12042GHG24 | 24 | 13.2-26.8 | 2.2 | 52.8 | 5800 | 4.78 | 168.41 | 79.24 | 3.12 | 62.5 |
| SFD-CAP12042VHG48 | 48 | 33.0-54.0 | 0.375 | 18.0 | 4000 | 3.41 | 120.22 | 31.47 | 1.24 | 51.5 |

**• Dimensions(unit:mm\inch)**

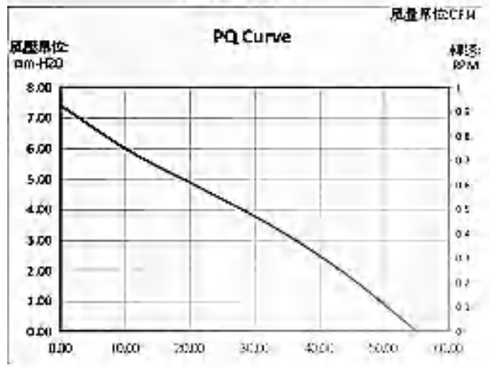


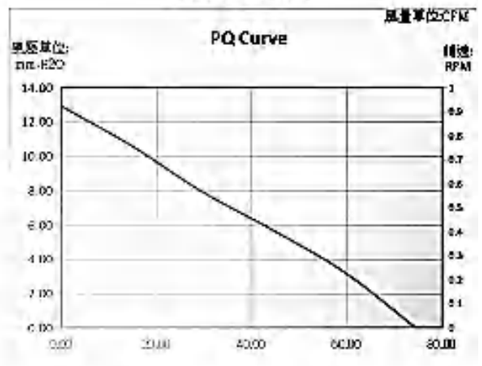
# SFD-CAP Φ120-A CE RS

•Air Flow-Static Pressure Characteristics

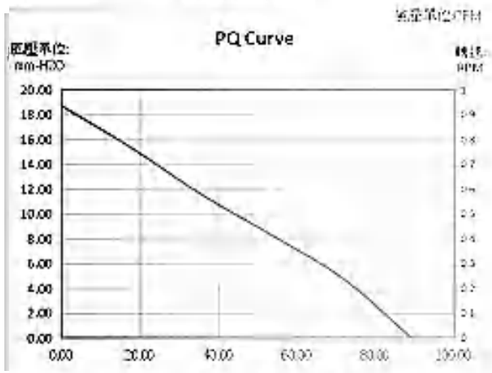
12042-A-LG



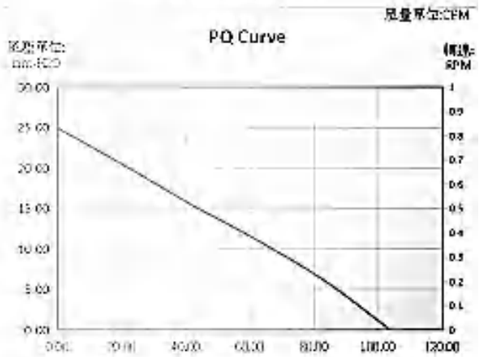

12042-A-MG



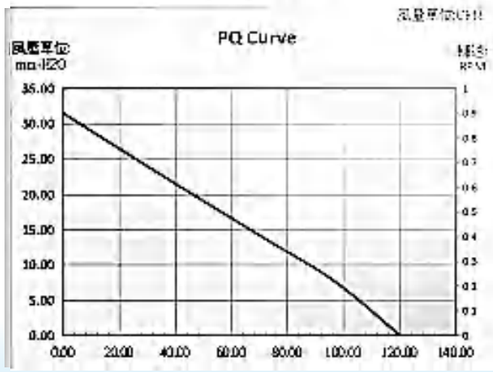

12042-A-HG




12042-A-HHG




12042-A-VHG






# SFD-KF Φ133 CE RS

## Φ133mm DC 离心风机 DC centrifugal fans

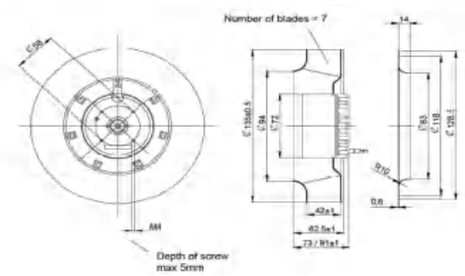
### General Specifications

Material ----------Impeller:Plastic( UL 94V-0)
Pillow:Die-Cast Aluminum
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-KF133B24H- B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

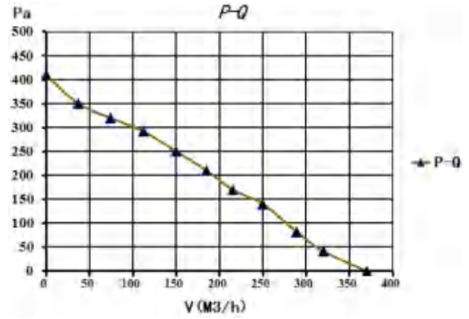
### Φ133 mm 后向 backward curved

| ModelNo. | Rated Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | Noise |
|---|---|---|---|---|---|---|---|---|
| | VDC | AMP | Watt | R.P.M | M3/h | CFM | Pa | dB-A |
| SFD-KF133B24H | 24 | 1.2 | 28.8 | 3800 | 370 | 218 | 410 | 62.5 |
| SFD-KF133B24HH | 24 | 2.0 | 48 | 4500 | 483.9 | 285 | 560 | 68.5 |
| SFD-KF133B48H | 48 | 0.6 | 28.8 | 3800 | 370 | 218 | 410 | 62.5 |
| SFD-KF133B48HH | 48 | 1.1 | 52.8 | 4500 | 483.9 | 285 | 560 | 68.5 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics



## Φ150mm DC 离心风机 DC centrifugal fans

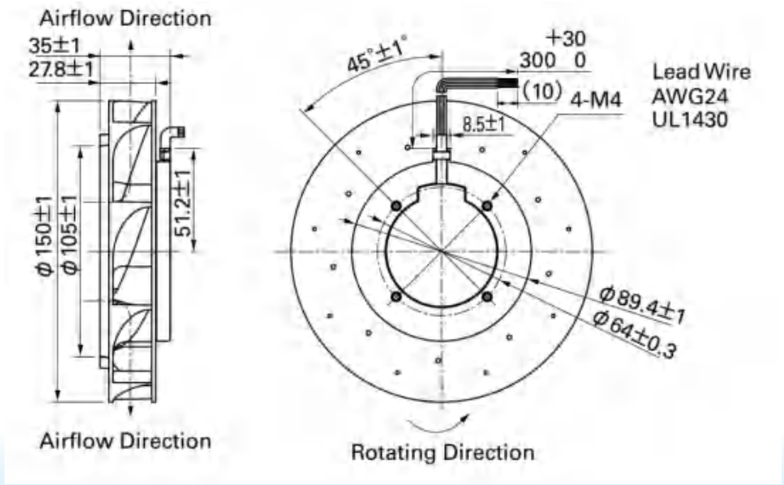
### General Specifications

Material ----------Frame:Plastics PPS (Flammability:UL94V-0)
Impeller:Plastics PPS (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------40000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +75℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-CAP15024H- B R 1
1: Waterproof level:0=IP42,1=IP55,2=IP68
R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B: Bearing:S=sleeve bearing,B=ball bearing

### Φ150 mm 后向 backward curved(310g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-CAP15012H | 12 | 6.2-15.8 | 1.3 | 15.6 | 3800 | 3.83 | 135 | 410 | 1.65 | 59 |
| SFD-CAP15024H | 24 | 13.2-28.8 | 0.62 | 14.9 | 3800 | 3.83 | 135 | 410 | 1.65 | 59 |
| SFD-CAP15048H | 48 | 32.0-54.0 | 0.32 | 15.4 | 3800 | 3.83 | 135 | 410 | 1.65 | 59 |

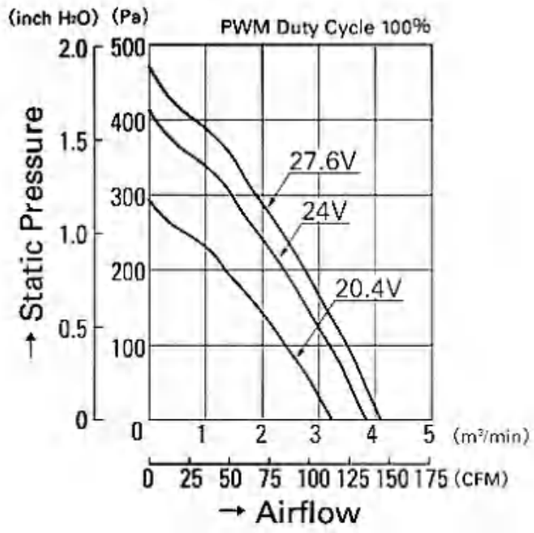
- **Dimensions(unit:mm\inch)**

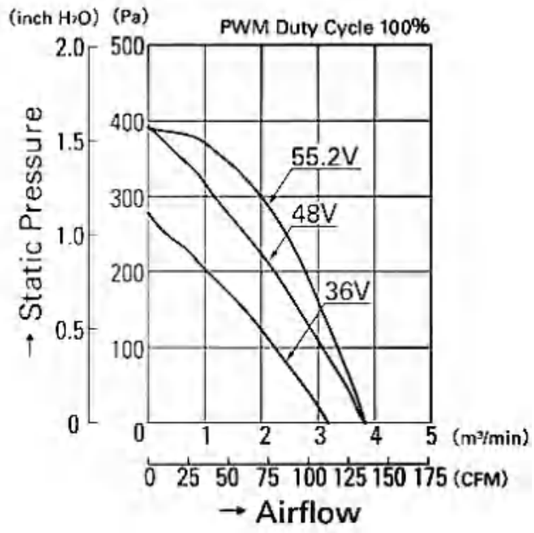





SFD-CAP Φ150 CE RS

- **Air Flow-Static Pressure Characteristics**



## Φ175mm DC 离心风机 DC centrifugal fans

### General Specifications

Material ---------- Impeller:Plastic( UL 94V-0)
Pillow:Die-Cast Aluminum
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-KF175B24HG-B B R 1
1 Waterproof level:0=IP44,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing

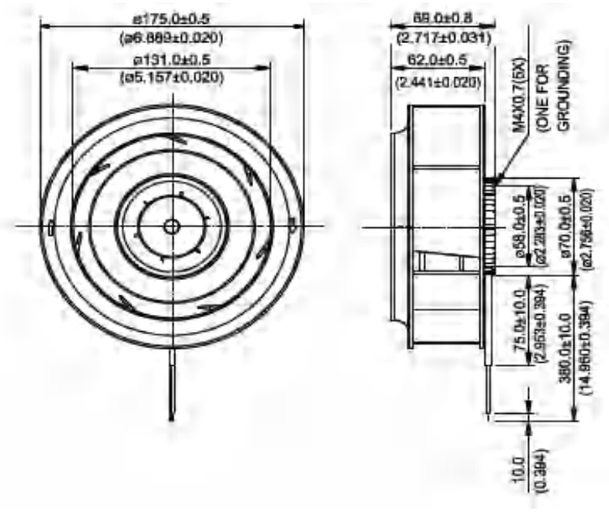
### Φ175 mm 后向 backward curved-810g

| ModelNo. | Rated Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|
| | VDC | AMP | Watt | R.P.M | M3/MIN | CFM | MmH2O | INH2O | dB-A |
| SFD-KF175B12LG-B | 12V | 0.9 | 10.8 | 1500 | 4.6 | 162 | 10.2 | 0.41 | 41 |
| SFD-KF175B12MG-B | | 1.8 | 21.6 | 2000 | 6.2 | 218.3 | 18.1 | 0.71 | 51 |
| SFD-KF175B12HG-B | | 2.7 | 32.4 | 2500 | 7.6 | 267.6 | 26.8 | 1.055 | 56 |
| SFD-KF175B12HHG-B | | 3.6 | 43.2 | 3100 | 9.3 | 327.5 | 39.2 | 1.54 | 60 |
| SFD-KF175B12VHG-B | | 4.5 | 54 | 3400 | 9.8 | 345.1 | 45.9 | 1.8 | 63.5 |
| SFD-KF175B12SHG-B | | 5.4 | 64.8 | 3700 | 10.9 | 383.8 | 54.2 | 2.13 | 65.5 |
| SFD-KF175B24LG-B | 24V | 0.45 | 10.8 | 1500 | 4.6 | 162 | 10.2 | 0.41 | 41 |
| SFD-KF175B24MG-B | | 0.9 | 21.6 | 2000 | 6.2 | 218.3 | 18.1 | 0.71 | 51 |
| SFD-KF175B24HG-B | | 1.35 | 32.4 | 2500 | 7.6 | 267.6 | 26.8 | 1.055 | 56 |
| SFD-KF175B24HHG-B | | 1.8 | 43.2 | 3100 | 9.3 | 327.5 | 39.2 | 1.54 | 60 |
| SFD-KF175B24VHG-B | | 2.25 | 54 | 3400 | 9.8 | 345.1 | 45.9 | 1.8 | 63.5 |
| SFD-KF175B24SHG-B | | 2.7 | 64.8 | 3700 | 10.9 | 383.8 | 54.2 | 2.13 | 65.5 |
| SFD-KF175B48LG-B | 48V | 0.23 | 10.8 | 1500 | 4.6 | 162 | 10.2 | 0.41 | 41 |
| SFD-KF175B48MG-B | | 0.45 | 21.6 | 2000 | 6.2 | 218.3 | 18.1 | 0.71 | 51 |
| SFD-KF175B48HG-B | | 0.68 | 32.4 | 2500 | 7.6 | 267.6 | 26.8 | 1.055 | 56 |
| SFD-KF175B48HHG-B | | 0.9 | 43.2 | 3100 | 9.3 | 327.5 | 39.2 | 1.54 | 60 |
| SFD-KF175B48VHG-B | | 1.13 | 54 | 3400 | 9.8 | 345.1 | 45.9 | 1.8 | 63.5 |
| SFD-KF175B48SHG-B | | 1.35 | 64.8 | 3700 | 10.9 | 383.8 | 54.2 | 2.13 | 65.5 |

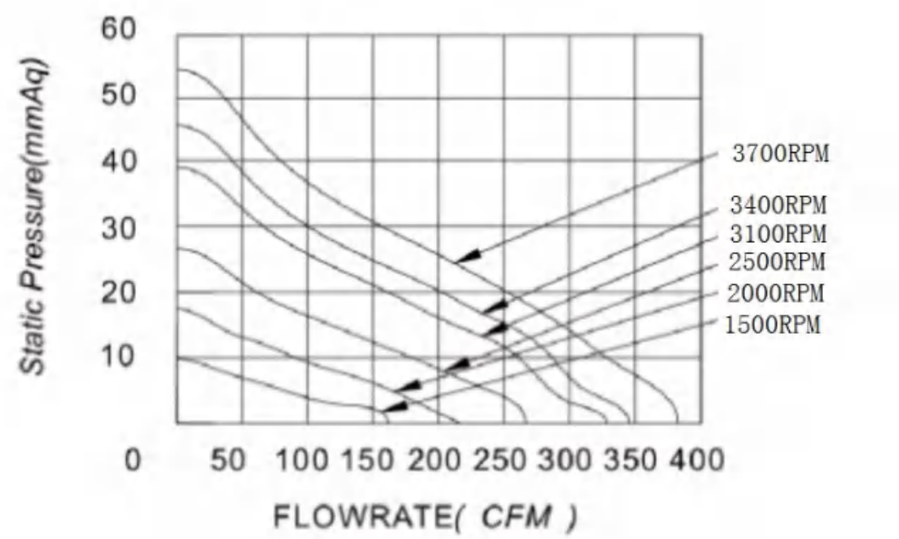


SFD-KF Φ175-B CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**



## Φ175mm DC 离心风机 DC centrifugal fans

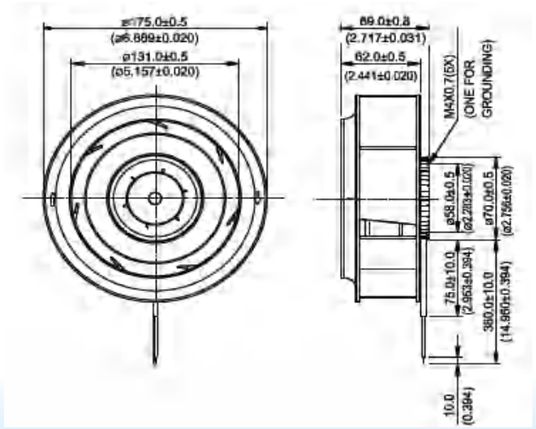
### General Specifications

Material ---------- Impeller:Plastic( UL 94V-0)
Pillow:Die-Cast Aluminum
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-KF175B24VHG-C B R 1
Waterproof level:0=IP44,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ175 mm 后向 backward curved-900g

| ModelNo. | Rated Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|
| | VDC | AMP | Watt | R.P.M | M3/MIN | CFM | Pa | INH2O | dB-A |
| SFD-KF175B24VHG-C | 24 | 5.2 | 124.8 | 4900 | 14.25 | 502 | 780 | 3.11 | 76.0 |
| SFD-KF175B24SHG-C | | 8.0 | 192.0 | 5400 | 15.79 | 556 | 996 | 4.0 | 79.0 |
| SFD-KF175B48VHG-C | 48 | 2.6 | 124.8 | 4800 | 15.3 | 541 | 780 | 3.33 | 73.0 |
| SFD-KF175B48SHG-C | | 4.0 | 192.0 | 5400 | 17.6 | 622 | 1150 | 4.42 | 80.0 |

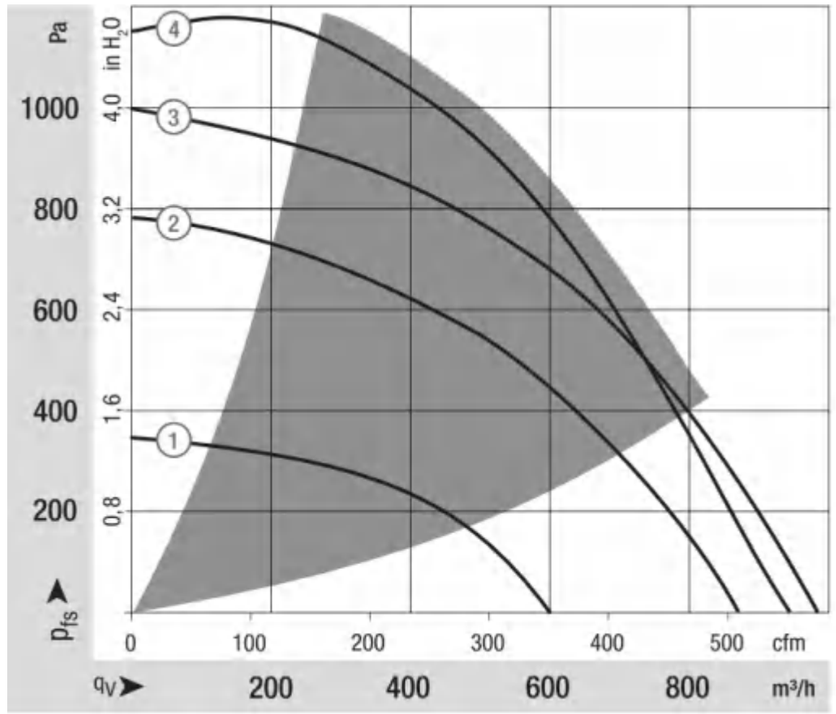
- **Dimensions(unit:mm\inch)**






SFD-KF Φ175-C CE RS

- **Air Flow-Static Pressure Characteristics**



## Φ190mm DC 离心风机 DC centrifugal fans

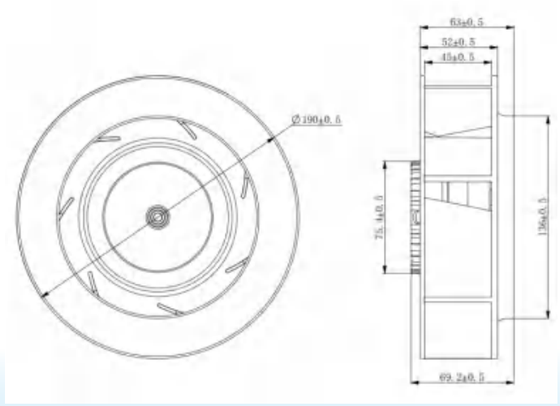
### General Specifications

Material ---------- Impeller:Plastic( UL 94V-0)
Pillow:Die-Cast Aluminum
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±10%
Part Numbering System
SFD-KF190B24H- B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ190 mm 后向 backward curved

| ModelNo. | Rated Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | Noise |
|---|---|---|---|---|---|---|---|---|
| | VDC | AMP | Watt | R.P.M | M3/h | CFM | Pa | dB-A |
| SFD-KF19069B24H | 24 | 2.5 | 60.0 | 3000 | 10.84 | 382.5 | 455.5 | 65.5 |
| SFD-KF19069B24H | 24 | 5.0 | 120.0 | 3900 | 14.34 | 506.5 | 762.0 | 71.5 |
| SFD-KF19069B24H | 24 | 6.66 | 160.0 | 4400 | 16.1 | 571.2 | 946.0 | 75.0 |
| SFD-KF19069B48L | 48 | 1.24 | 59.5 | 3000 | 10.84 | 382.5 | 455.5 | 65.5 |
| SFD-KF19069B48M | 48 | 2.5 | 120.0 | 3900 | 14.34 | 506.5 | 762.0 | 71.5 |
| SFD-KF19069B48H | 48 | 3.33 | 160.0 | 4400 | 16.1 | 571.2 | 946.0 | 75.0 |

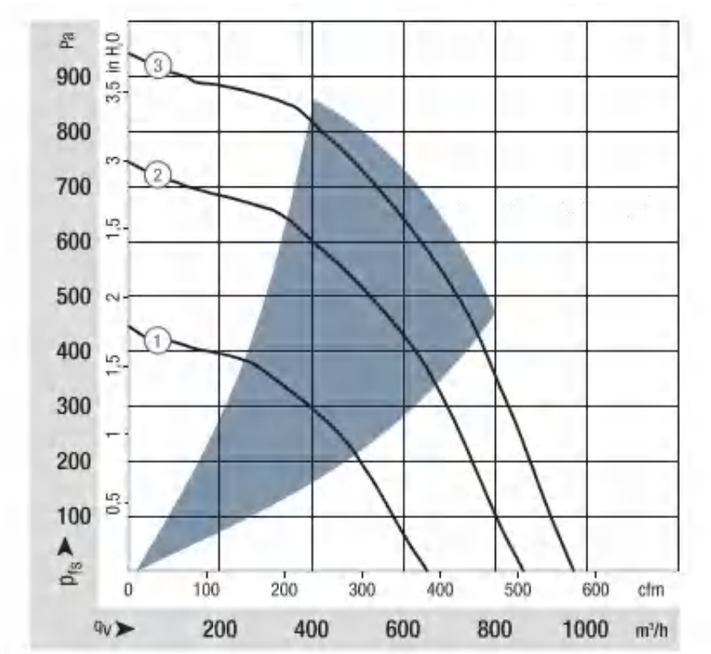
• **Dimensions(unit:mm\inch)**






SFD-KF Φ190 CE RS

• **Air Flow-Static Pressure Characteristics**




1.L 2.M 3.H

## Φ225mm DC 离心风机 DC centrifugal fans

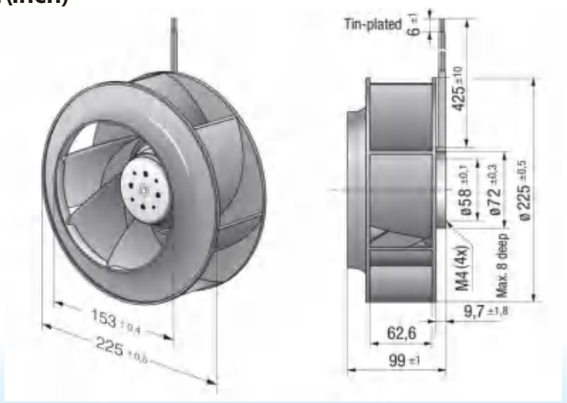
### General Specifications

Material ---------- Impeller:Plastic( UL 94V-0)
Pillow:Die-Cast Aluminum
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life Time----------50000 Hours Ball bearing
Storage Temperatur--- -25℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings
Speed Range----- ±5%
Part Numbering System
SFD-KF225B24HG- B R 1
Waterproof level:0=IP42,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing

### Φ225 X 99 mm 后向 backward curved-1100g

| ModelNo. | Rated Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | Noise |
|---|---|---|---|---|---|---|---|---|
| | VDC | AMP | Watt | R.P.M | M3/h | CFM | Pa | dB-A |
| SFD-KF225B24MG | 24 | 3.2 | 77 | 2500 | 1190 | 700 | 440 | 69 |
| SFD-KF225B24HG | | 4.5 | 108 | 2800 | 1340 | 789 | 590 | 72 |
| SFD-KF225B24HHG | | 6.8 | 163.2 | 3300 | 1600 | 941 | 800 | 74 |
| SFD-KF225B48MG | 48 | 1.6 | 77 | 2500 | 1080 | 700 | 440 | 69 |
| SFD-KF225B48MG | | 2.25 | 108 | 2800 | 1080 | 789 | 590 | 72 |
| SFD-KF225B48HG | | 3.4 | 163.2 | 3300 | 1080 | 941 | 800 | 75 |
| SFD-KF225B48HHG | | 4.7 | 226 | 3500 | 1080 | 1030 | 940 | 78 |

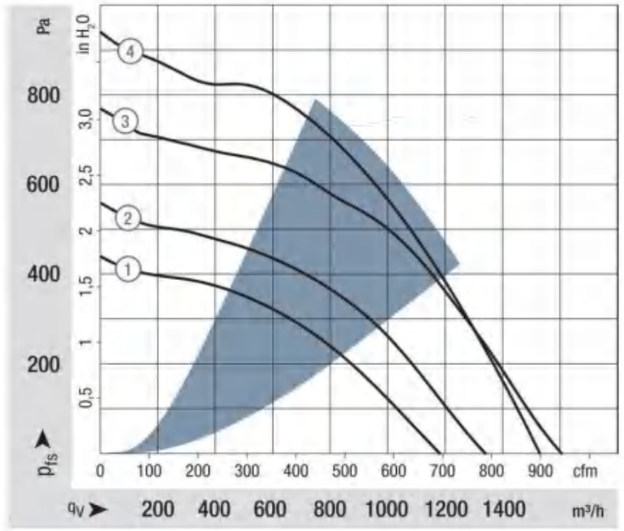
- **Dimensions(unit:mm\inch)**






SFD-KF Φ225 CE RS

- **Air Flow-Static Pressure Characteristics**



# DC Double Positive and Negative Fan
# DC双重正反转风扇

## 40mm DC FAN

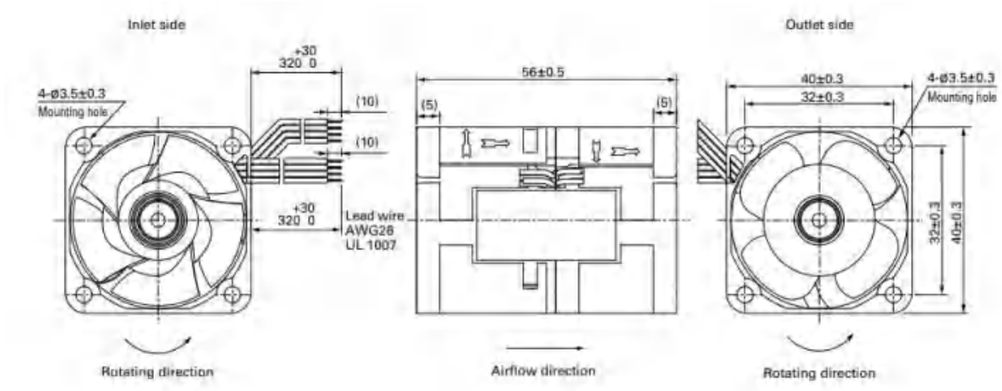
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412VHG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 40 X 40 X 56mm (Mass:90g)

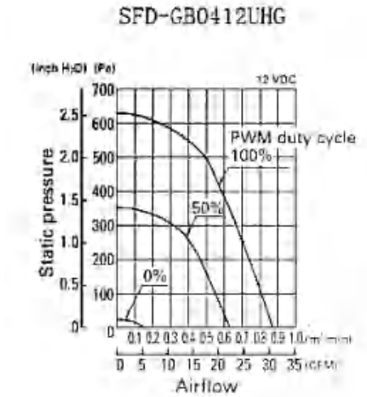
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed Inlet Outlet | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M/min | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-GB0412VHG | 12 | 9.5~13.2 | 0.6 | 7.2 | 14000/9300 | 0.65 | 22.95 | 36.8 | 1.45 | 54 |
| SFD-GB0412SHG | | | 0.75 | 9.0 | 15000/10000 | 0.7 | 24.72 | 41.9 | 1.65 | 56 |
| SFD-GB0412GHG | | | 0.95 | 11.4 | 16700/11250 | 0.77 | 27.19 | 51.05 | 2.01 | 58 |
| SFD-GB0412UHG | | | 1.35 | 16.2 | 19000/12600 | 0.83 | 30.72 | 64.26 | 2.53 | 61 |

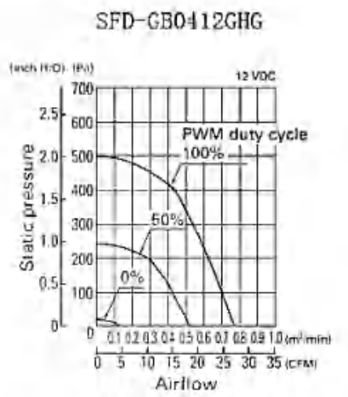
### • Dimensions(unit:mm\inch)

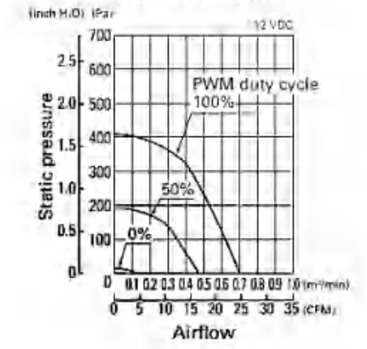


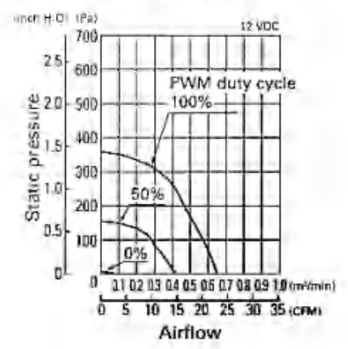

SFD-GB 4056-A CE RS

### •Air Flow-Static Pressure Characteristics



## 60mm DC FAN

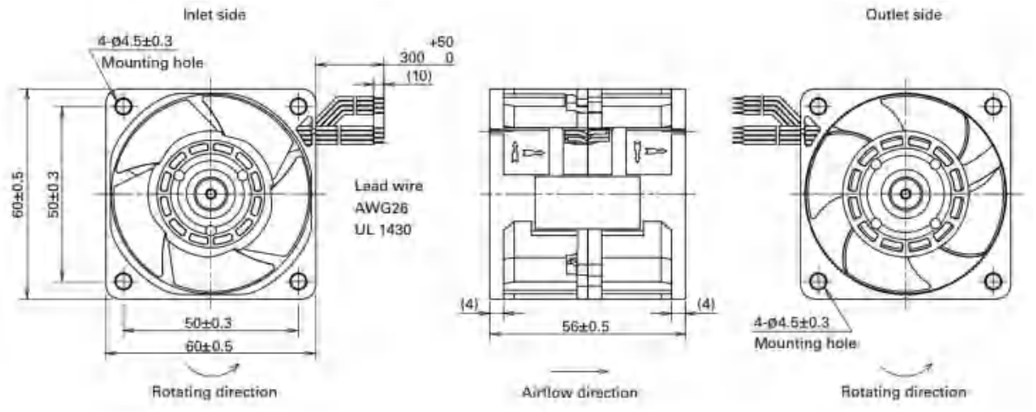
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-GB0612GHS- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 60 X 60 X 56mm (Mass165g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed Inlet Outlet | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M/min | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-GB0612GHS | 12 | 9.5~13.2 | 3.1 | 37.2 | 18000/16000 | 2.286 | 80.5 | 115.57 | 4.55 | 73 |
| SFD-GB0612SHS | 12 | 9.5~13.2 | 2.4 | 28.8 | 16800/14500 | 2.11 | 74.2 | 97.03 | 3.82 | 70 |

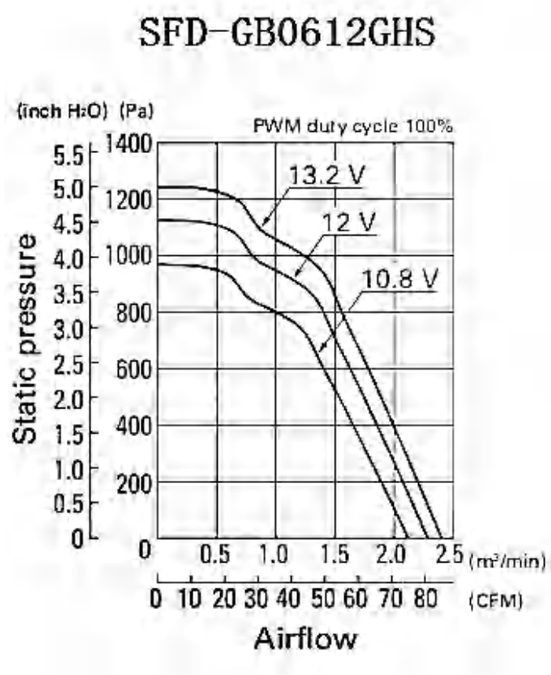
- **Dimensions(unit:mm\inch)**

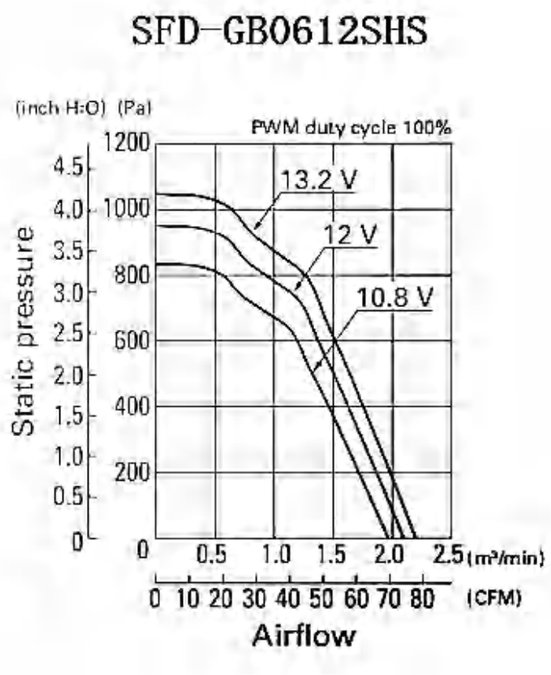





SFD-GB 6056-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 60mm DC FAN

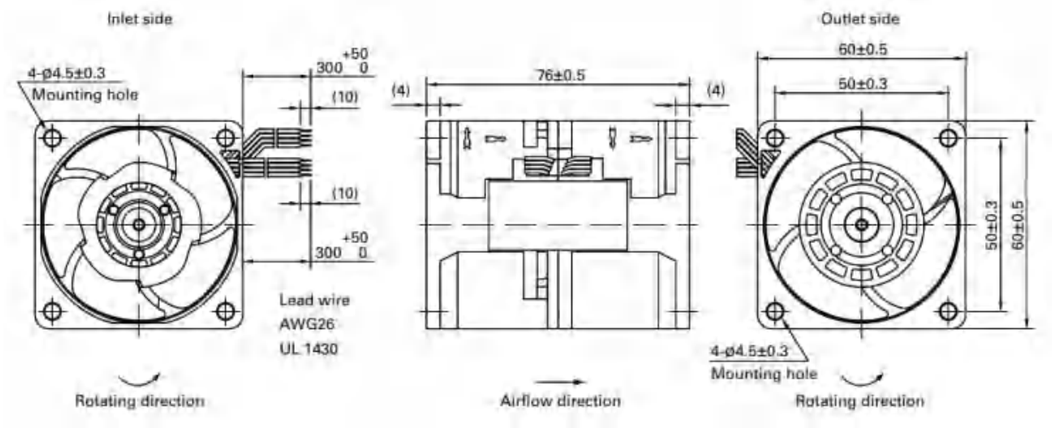
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-GB0612GHU- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 60 X 60 X 76mm (Mass260g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed Inlet Outlet | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M/min | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-GB0612GHU | 12 | 9.5~13.2 | 3.75 | 45.0 | 14000/11000 | 1.7 | 60.0 | 73.41 | 2.89 | 69 |
| SFD-GB0612SHU | 12 | 9.5~13.2 | 3.2 | 38.4 | 16000/12500 | 2.01 | 70.6 | 101.6 | 4.0 | 75 |

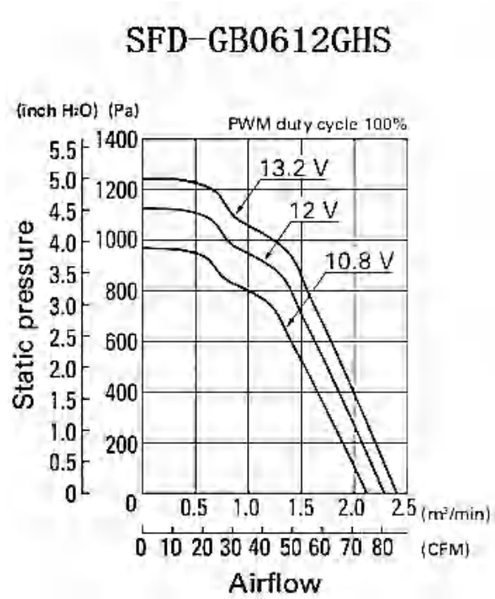
- **Dimensions(unit:mm\inch)**

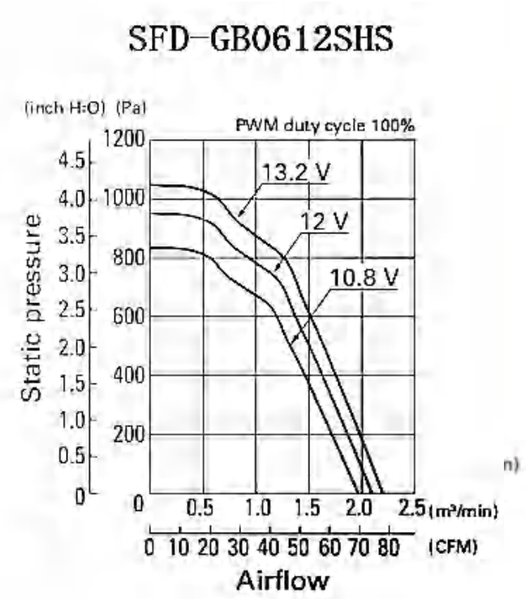





SFD-GB 6076-A CE RS

- **Air Flow-Static Pressure Characteristics**



# DC Waterproof Fan
# DC防水风扇



## SFD-FB 2510-F CE RS

### 25mm DC FAN

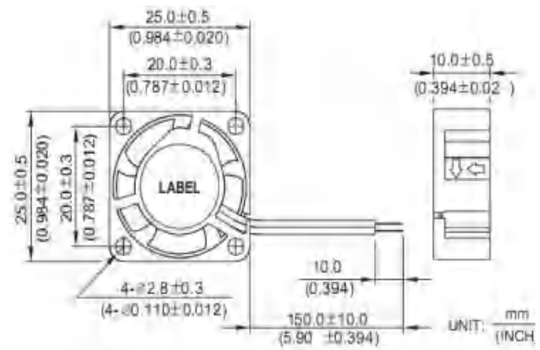
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB2512MA-F B R 1
1 Waterproof level:1=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

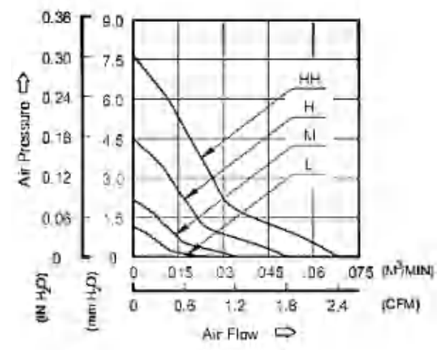
### 25 X 25X10mm (Mass12.0g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB2505LA-F | 5 | 4~6 | 0.06 | 0.3 | 5200 | 0.025 | 0.92 | 1.24 | 0.054 | 18.5 |
| SFD-FB2505MA-F | | | 0.09 | 0.45 | 7200 | 0.036 | 1.33 | 2.94 | 0.106 | 20 |
| SFD-FB2505HA-F | | | 0.13 | 0.65 | 10000 | 0.05 | 1.8 | 4.45 | 0.174 | 23.5 |
| SFD-FB2505LHHA-F | | | 0.2 | 1.0 | 13000 | 0.066 | 2.35 | 7.62 | 0.298 | 28 |
| SFD-FB2512LA-F | 12 | 9~13 | 0.04 | 0.48 | 5200 | 0.025 | 0.92 | 1.24 | 0.054 | 18.5 |
| SFD-FB2512MA-F | | | 0.06 | 0.72 | 7200 | 0.036 | 1.33 | 2.94 | 0.106 | 20 |
| SFD-FB2512HA-F | | | 0.08 | 0.96 | 10000 | 0.05 | 1.8 | 4.45 | 0.174 | 23.5 |
| SFD-FB2512LHHA-F | | | 0.1 | 1.2 | 13000 | 0.066 | 2.35 | 7.62 | 0.298 | 28 |

**• Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**



## 40mm DC FAN （IP68 防护等级）

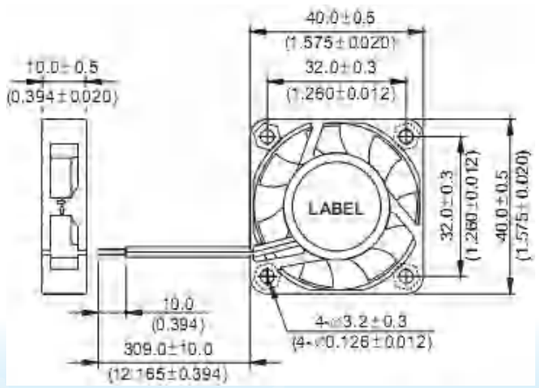
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#28 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HA- B R 1
1 — Waterproof level:1=IP68
R — Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B — Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 40 X 40 X 10mm (Mass:24g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0405LA | 5 | 4.5~5.5 | 0.07 | 0.35 | 3800 | 0.102 | 3.68 | 1.41 | 0.054 | 20.5 |
| SFD-FB0405MA | | | 0.10 | 0.50 | 4800 | 0.164 | 5.84 | 2.22 | 0.084 | 24.5 |
| SFD-FB0405HA | | | 0.13 | 0.65 | 5800 | 0.192 | 6.88 | 3.23 | 0.124 | 27.5 |
| SFD-FB0405HHA | | | 0.19 | 0.95 | 6800 | 0.224 | 8.01 | 4.38 | 0.170 | 31.5 |
| SFD-FB0405UA | | | 0.32 | 1.92 | 8000 | 0.262 | 9.32 | 5.71 | 0.221 | 38.5 |
| SFD-FB0412LA | 12 | 7.2~13.5 | 0.05 | 0.36 | 3800 | 0.102 | 3.68 | 1.41 | 0.054 | 20.5 |
| SFD-FB0412MA | | | 0.06 | 0.60 | 4800 | 0.164 | 5.84 | 2.22 | 0.084 | 24.5 |
| SFD-FB0412HA | | | 0.08 | 0.96 | 5800 | 0.192 | 6.88 | 3.23 | 0.124 | 27.5 |
| SFD-FB0412HHA | | | 0.10 | 1.2 | 6800 | 0.224 | 8.01 | 4.38 | 0.170 | 31.5 |
| SFD-FB0412UA | | | 0.16 | 1.92 | 8000 | 0.262 | 9.32 | 5.71 | 0.221 | 38.5 |

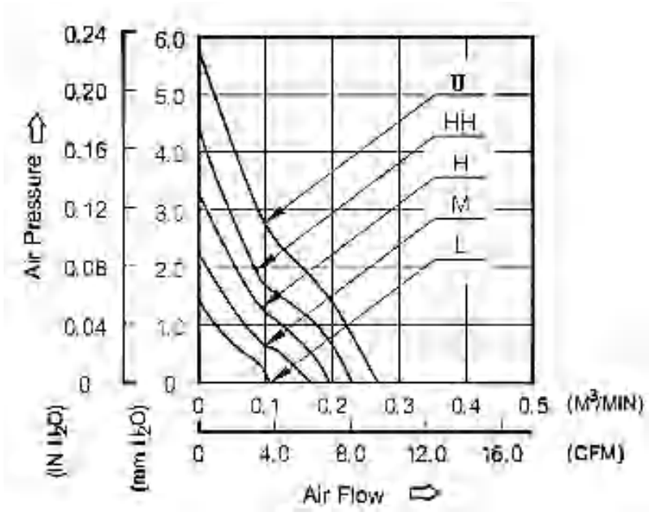
• **Dimensions(unit:mm\inch)**






SFD-FB 4010-F CE RS

• **Air Flow-Static Pressure Characteristics**



## 40mm DC FAN （IP68 防护等级）

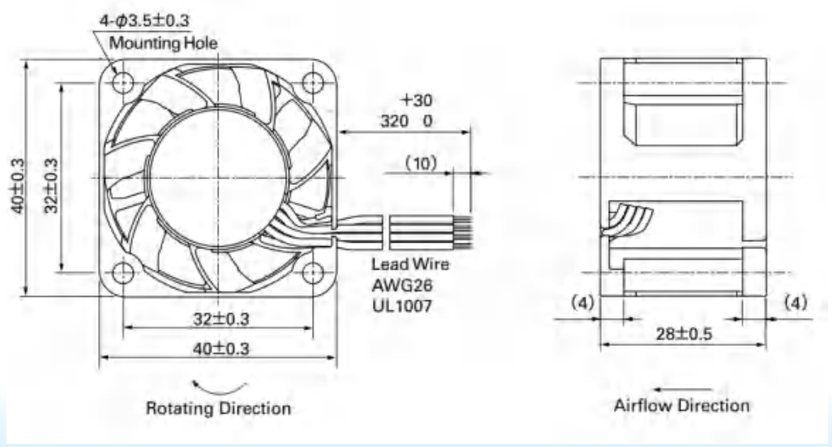
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30℃ ~ +65℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0412HHN- B R 1
Waterproof level:1=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

### 40 X 40 X 28mm (Mass:65g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0412HHN | 12 | 9.5~13.2 | 0.34 | 4.08 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0412VHN | | | 0.42 | 5.04 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |
| SFD-FB0424HHN | 24 | 13.5~26 | 0.17 | 4.08 | 12500 | 0.46 | 16.2 | 26.4 | 1.04 | 47 |
| SFD-FB0424VHN | | | 0.21 | 5.04 | 14500 | 0.54 | 19.1 | 35.3 | 1.39 | 50 |

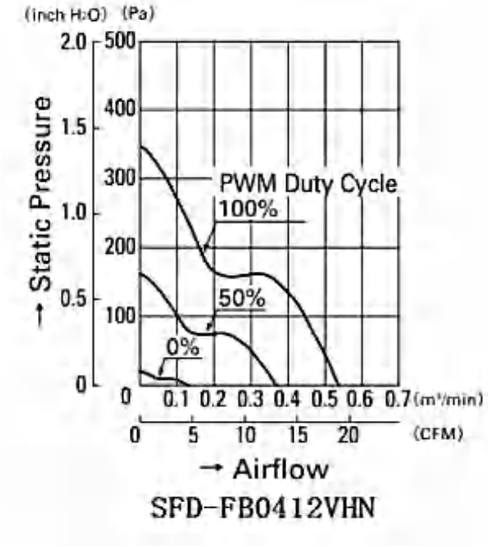
### • Dimensions(unit:mm\inch)

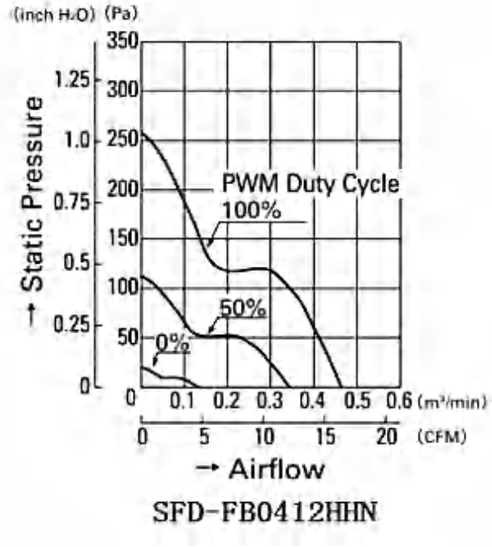





SFD-FB 4028-F CE RS

### •Air Flow-Static Pressure Characteristics



## 50mm DC Blower （IP68 防护等级）

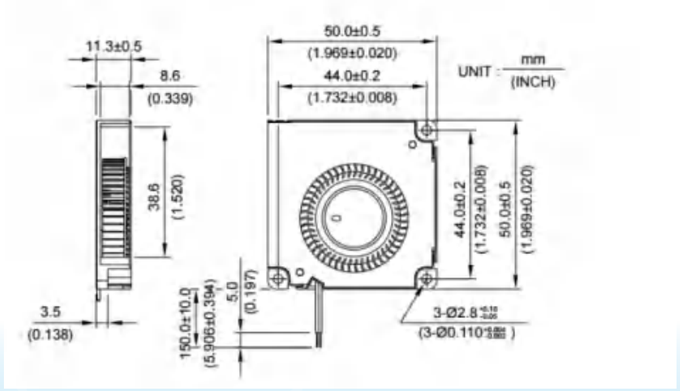
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------30000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-BB0512HHA- B R 1
Waterproof level:1=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

**50 X 50 X 11mm (Mass:25.5g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-BB0505LA | 5 | 4.0-6.0 | 0.07 | 0.35 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0505MA | | | 0.11 | 0.55 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0505HA | | | 0.21 | 1.05 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0505HHA | | | 0.30 | 1.5 | 6000 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |
| SFD-BB0512LA | 12 | 7.2-13.8 | 0.06 | 0.72 | 3500 | 0.062 | 2.18 | 5.48 | 0.208 | 23.0 |
| SFD-BB0512MA | | | 0.09 | 1.08 | 4500 | 0.082 | 2.89 | 9.72 | 0.383 | 28.5 |
| SFD-BB0512HA | | | 0.14 | 1.68 | 5100 | 0.100 | 3.54 | 14.32 | 0.654 | 33.0 |
| SFD-BB0512HHA | | | 0.19 | 2.28 | 6000 | 0.114 | 3.99 | 20.10 | 0.791 | 38.5 |

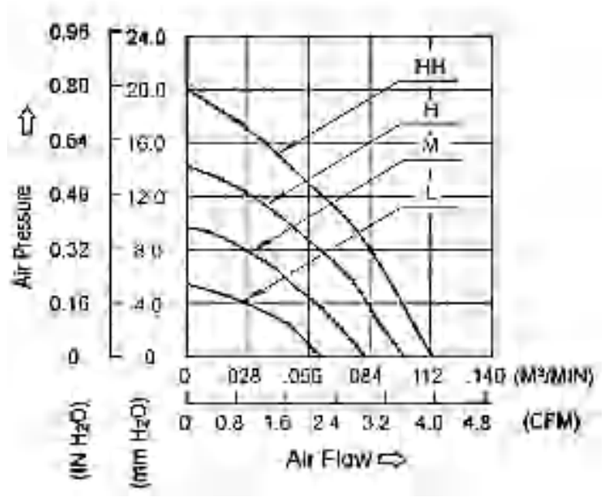
- **Dimensions(unit:mm\inch)**






SFD-BB-5010-F CE RS

- **Air Flow-Static Pressure Characteristics**



# SFD-FB-5020-F CE RS

## 50mm DC FAN

### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0512LD- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

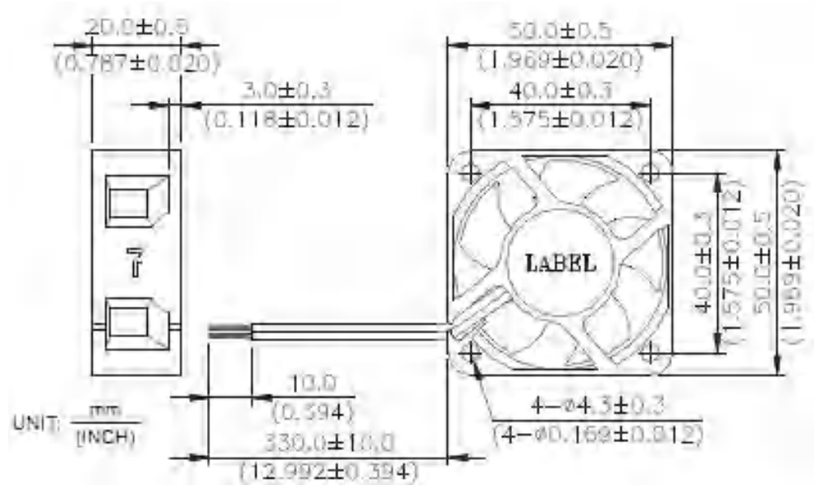
**50 X 50 X 20mm (Mass:42g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB00505MD-F | 5 | 4~5.5 | 0.22 | 1.1 | 4700 | 0.368 | 13.25 | 3.42 | 0.131 | 29 |
| SFD-FB00505HD-F | | | 0.35 | 1.75 | 5500 | 0.440 | 15.46 | 4.56 | 0.177 | 33.5 |
| SFD-FB00512LD-F | 12 | 7.5~13.2 | 0.07 | 0.84 | 4100 | 0.302 | 10.58 | 2.37 | 0.091 | 25.5 |
| SFD-FB00512MD-F | | | 0.08 | 0.96 | 4700 | 0.368 | 13.25 | 3.42 | 0.131 | 29 |
| SFD-FB00512HD-F | | | 0.11 | 1.32 | 5500 | 0.440 | 15.46 | 4.56 | 0.177 | 33.5 |
| SFD-FB00512HHD-F | | | 0.15 | 1.8 | 6300 | 0.511 | 17.70 | 6.39 | 0.248 | 37.5 |
| SFD-FB00512UD-F | | | 0.18 | 2.16 | 6900 | 0.568 | 19.86 | 7.64 | 0.293 | 41.5 |
| SFD-FB00524LD-F | 24 | 14.5~26 | 0.06 | 1.44 | 4100 | 0.302 | 10.58 | 2.37 | 0.091 | 25.5 |
| SFD-FB00524MD-F | | | 0.07 | 1.68 | 4700 | 0.368 | 13.25 | 3.42 | 0.131 | 29 |
| SFD-FB00524HD-F | | | 0.08 | 1.92 | 5500 | 0.440 | 15.46 | 4.56 | 0.177 | 33.5 |
| SFD-FB00524HHD-F | | | 0.10 | 2.4 | 6300 | 0.511 | 17.70 | 6.39 | 0.248 | 37.5 |
| SFD-FB00524UD-F | | | 0.12 | 2.88 | 6900 | 0.568 | 19.86 | 7.64 | 0.293 | 41.5 |

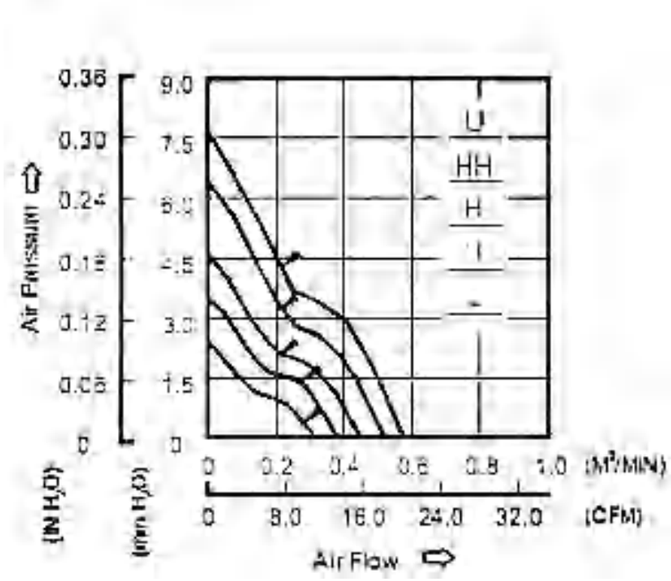


# SFD-FB-5020-F CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**



# SFD-FB-6015-F CE RS

## 60mm DC FAN

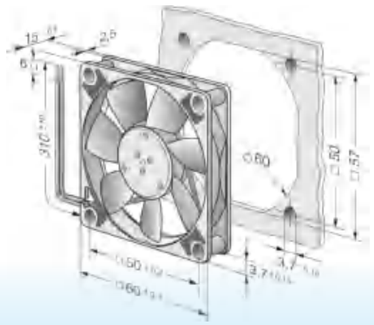
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0612MB-F B R 1
Waterproof level:1IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing

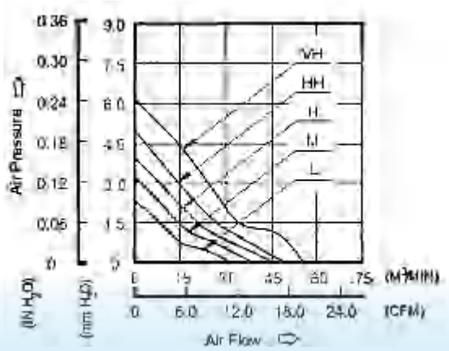
### 60 X 60 X 15mm (Mass:39g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0612LB-F | 12 | 7.5~13.2 | 0.04 | 0.48 | 2650 | 0.31 | 11.15 | 11.68 | 0.047 | 16 |
| SFD-FB0612MB-F | | | 0.09 | 1.09 | 3900 | 0.48 | 17.01 | 24.1 | 0.097 | 27 |
| SFD-FB0612HB-F | | | 0.125 | 1.56 | 4500 | 0.55 | 19.36 | 30.3 | 0.122 | 31 |
| SFD-FB0612HHB-F | | | 0.18 | 2.16 | 5100 | 0.62 | 21.8 | 37.3 | 0.15 | 35 |
| SFD-FB0612VHB-F | | | 0.24 | 2.88 | 5700 | 0.69 | 24.2 | 52.27 | 0.21 | 39.5 |
| SFD-FB0624LB-F | 24 | 14~26.2 | 0.02 | 0.48 | 2650 | 0.31 | 11.15 | 11.68 | 0.047 | 16 |
| SFD-FB0624MB-F | | | 0.04 | 0.96 | 3900 | 0.48 | 17.01 | 24.1 | 0.097 | 27 |
| SFD-FB0624HB-F | | | 0.065 | 1.56 | 4500 | 0.55 | 19.36 | 30.3 | 0.122 | 31 |
| SFD-FB0624HHB-F | | | 0.09 | 2.16 | 5100 | 0.62 | 21.8 | 37.3 | 0.15 | 35 |
| SFD-FB0624VHB-F | | | 0.12 | 2.88 | 5700 | 0.69 | 24.2 | 52.27 | 0.21 | 39.5 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB-7015-F CE RS

## 70mm DC FAN

### General Specifications

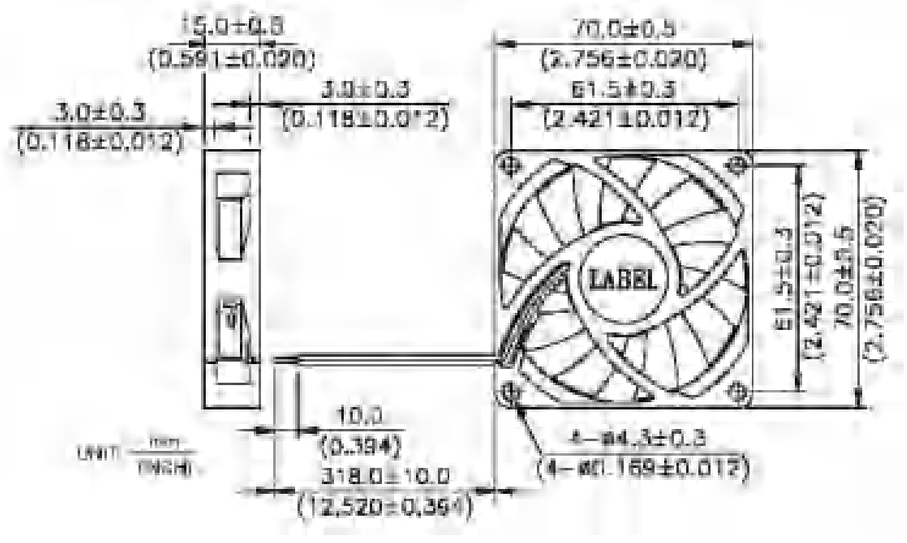
Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0712LB- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 70 X 70 X 15mm (Mass:50g)

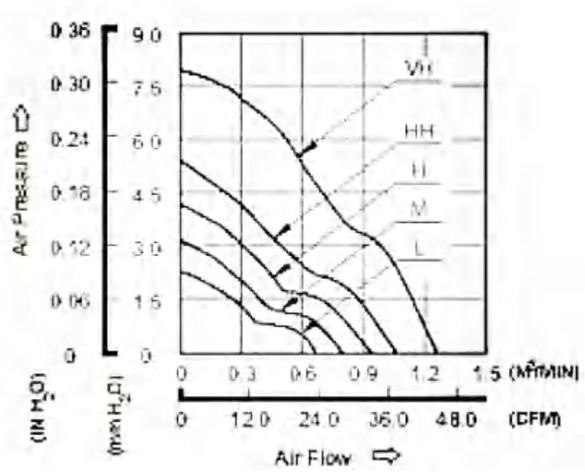
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB0705LB-F | 5 | 4.5~5.5 | 0.18 | 0.9 | 2800 | 0.661 | 23.36 | 2.26 | 0.088 | 26.5 |
| SFD-FB0705MB-F | | | 0.24 | 1.2 | 3400 | 0.797 | 28.17 | 3.11 | 0.122 | 31.5 |
| SFD-FB0705HB-F | | | 0.38 | 1.9 | 3900 | 0.930 | 33.19 | 4.11 | 0.161 | 35.0 |
| SFD-FB0712LB-F | 12 | 7.5~13.2 | 0.09 | 1.08 | 2800 | 0.661 | 23.36 | 2.26 | 0.088 | 26.5 |
| SFD-FB0712MB-F | | | 0.16 | 1.92 | 3400 | 0.797 | 28.17 | 3.11 | 0.122 | 31.5 |
| SFD-FB0712HB-F | | | 0.21 | 2.52 | 3900 | 0.930 | 33.19 | 4.11 | 0.161 | 35.0 |
| SFD-FB0712HHB-F | | | 0.28 | 3.36 | 4400 | 1.062 | 37.52 | 5.31 | 0.208 | 39.0 |
| SFD-FB0712VHB-F | | | 0.39 | 4.68 | 5400 | 1.286 | 45.41 | 7.76 | 0.304 | 45.5 |
| SFD-FB0724LB-F | 24 | 14.5~27.5 | 0.07 | 1.68 | 2800 | 0.661 | 23.36 | 2.26 | 0.088 | 26.5 |
| SFD-FB0724MB-F | | | 0.10 | 2.4 | 3400 | 0.797 | 28.17 | 3.11 | 0.122 | 31.5 |
| SFD-FB0724HB-F | | | 0.14 | 3.36 | 3900 | 0.930 | 33.19 | 4.11 | 0.161 | 35.0 |
| SFD-FB0724HHB-F | | | 0.17 | 4.08 | 4400 | 1.062 | 37.52 | 5.31 | 0.208 | 39.0 |

# SFD-FB-7015-F CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**




# SFD-FB-8025-F CE RS

## 80mm DC FAN ( IP68 防护等级 )

### General Specifications

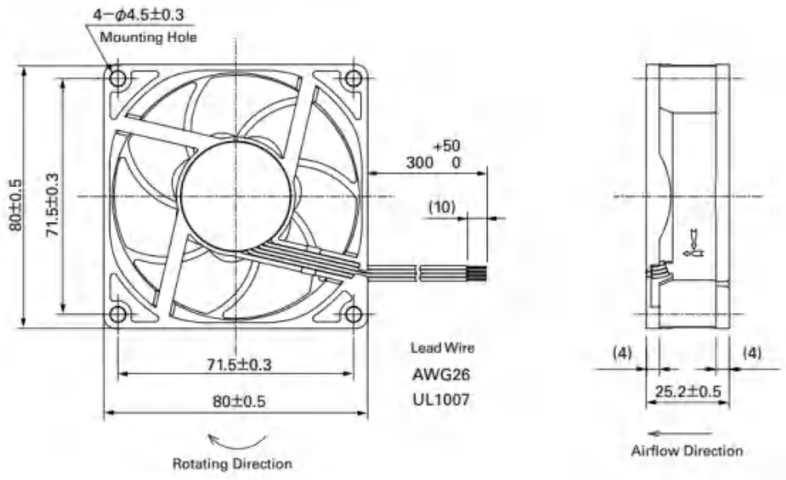
Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0812HH- B R 1
Waterproof level:1=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**80 X 80 X 25mm (Mass:130g)**

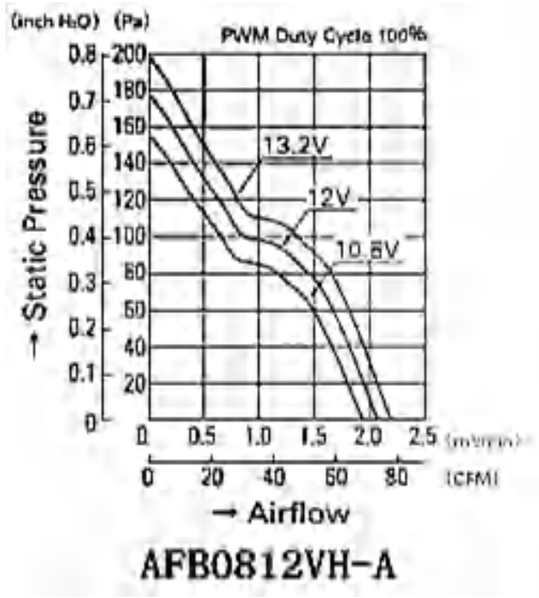
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-FB0812L-A | 12 | 7.5~13.2 | 0.06 | 0.72 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0812M-A | | | 0.08 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0812H-A | | | 0.12 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0812HH-A | | | 0.18 | 2.16 | 3500 | 1.03 | 36.1 | 37.34 | 0.15 | 28 |
| SFD-FB0812VH-A | | | 0.22 | 2.64 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0812SH-A | | | 0.48 | 5.76 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0812GH-A | | | 0.6 | 7.2 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0824L-A | 24 | 14.5~27.5 | 0.02 | 0.48 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-FB0824M-A | | | 0.04 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-FB0824H-A | | | 0.6 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-FB0824HH-A | | | 0.09 | 2.16 | 3500 | 1.03 | 36.1 | 37.34 | 0.15 | 28 |
| SFD-FB0824VH-A | | | 0.1 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0824SH-A | | | 0.21 | 5.046 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0824GH-A | | | 0.28 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |
| SFD-FB0848VH-A | 48 | 29.0-55.0 | 0.005 | 2.4 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |
| SFD-FB0848SH-A | | | 0.11 | 5.28 | 6800 | 1.91 | 67.4 | 150 | 0.6 | 45 |
| SFD-FB0848GH-A | | | 0.14 | 6.72 | 7400 | 2.07 | 73 | 177.6 | 0.7 | 48 |

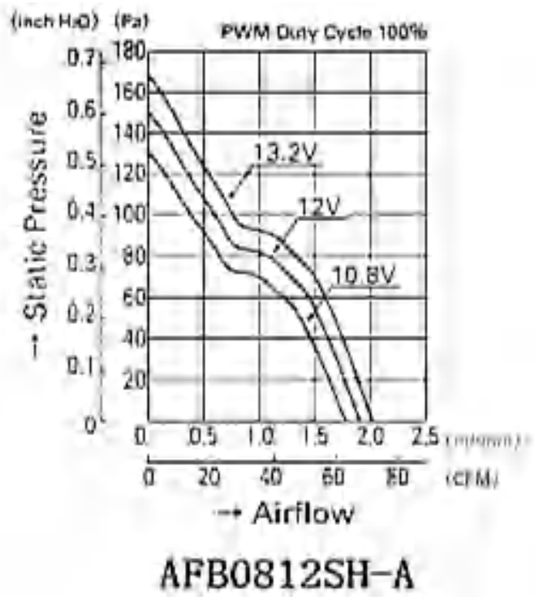
# SFD-FB-8025-F CE RS

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**






# SFD-FB-8038-F CE RS

## 80mm DC FAN ( IP68 防护等级 )

### General Specifications

- Material ————Frame:Plastics (Flammability:UL94V-0)
  Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire ————+ Red −Black (Sensor) Yellow (Control) Brown
- Life time ————25000 Hours Sleeve bearing
  50000 Hours Ball bearing
- Storage Temperatur——-30℃ ~+70℃ (Non-comdensing)
- Bearing Type——Ball Bearings Sleeve
- Speed Range——±10%
- Part Numbering System

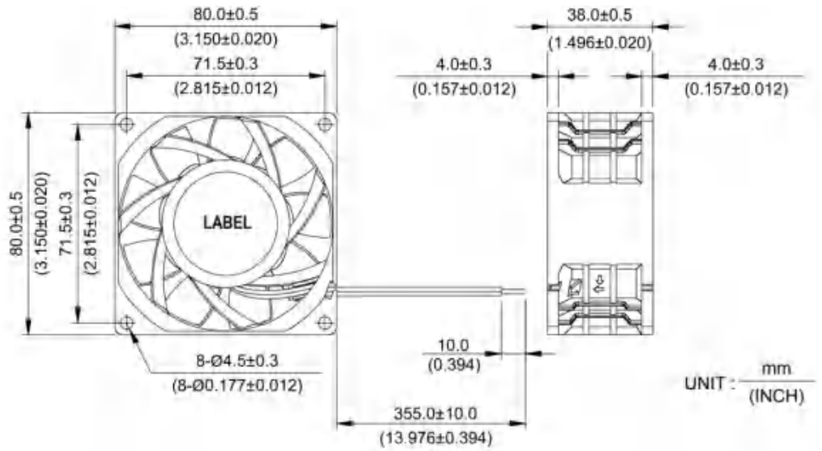
SFD-FB0812GHE-A B R 1
- 1: Waterproof level: 1=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**80 X 80 X 38mm ( Mass: 170g)**

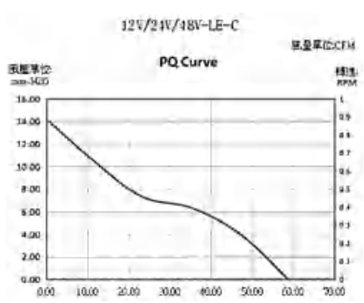
| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mm H2O | IN H2O | dB-A |
| SFD-FB0812LE-F | 12 | 7.2-13.2 | 0.5 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0812ME-F | | | 0.65 | 7.8 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0812HE-F | | | 0.9 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0812HHE-F | | | 1.2 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0812VHE-F | | | 1.5 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0824LE-F | 24 | 14.5~27.0 | 0.25 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0824ME-F | | | 0.33 | 7.92 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0824HE-F | | | 0.45 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0824HHE-F | | | 0.6 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0824VHE-F | | | 0.75 | 18.0 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |
| SFD-FB0848LE-F | 48 | 32.0~55.0 | 0.125 | 6.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-FB0848ME-F | | | 0.16 | 7.68 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-FB0848HE-F | | | 0.225 | 10.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-FB0848HHE-F | | | 0.3 | 14.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-FB0848VHE-F | | | 0.38 | 18.24 | 9000 | 3.08 | 108.39 | 45.77 | 1.80 | 57.5 |

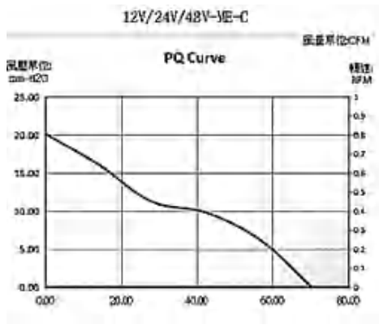
# SFD-FB-8038-F CE RS

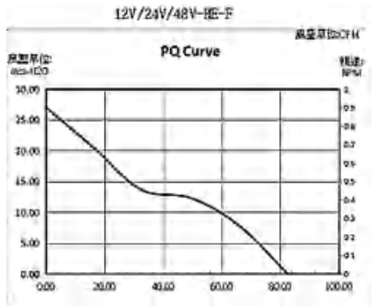
**Dimensions(unit:mm\inch)**

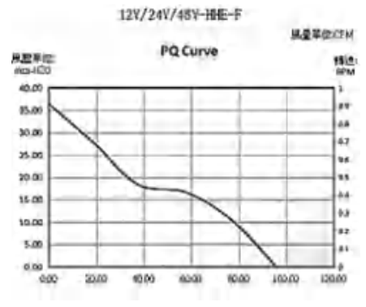



**Air Flow-Static Pressure Characteristics**






# SFD-FB-9238-F CE RS

## 92mm DC FAN ( IP68 防护等级 )

### General Specifications

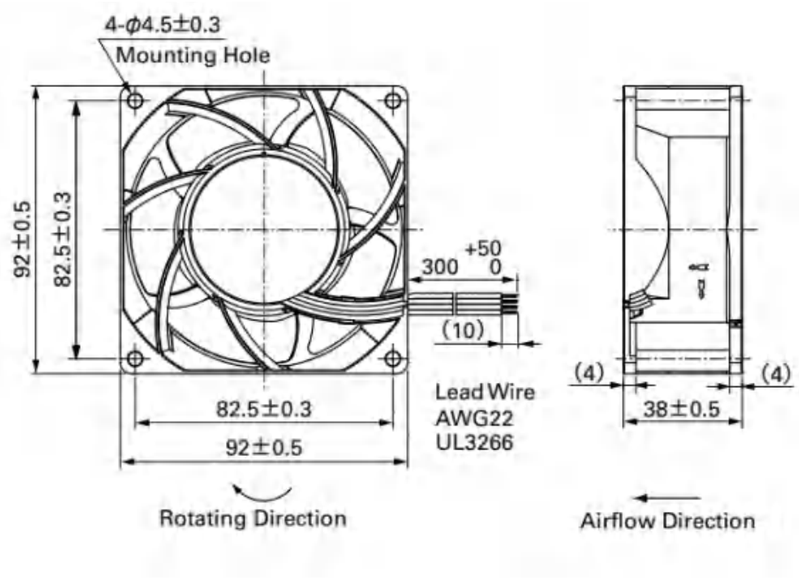
Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB0912UHE-B R 1
1 Waterproof level:1=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**92 X 92 X 38mm (Mass:290g)**

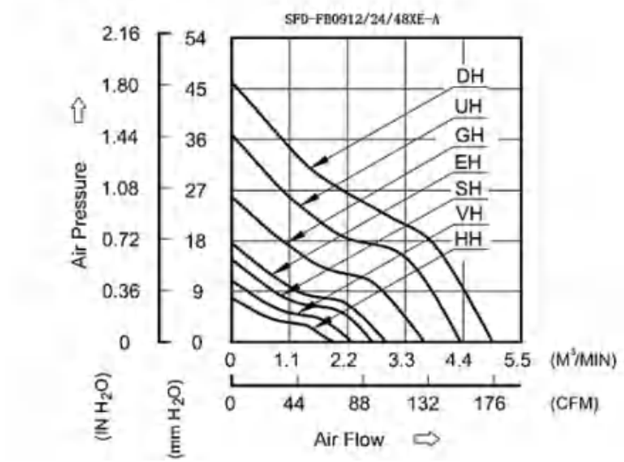
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | ,mmH2O | IN H2O | dB-A |
| SFD-FB0912LE | 12 | 7.2-13.8 | 0.26 | 3.12 | 5000 | 1.6 | 56.5 | 12.2 | 0.48 | 35.0 |
| SFD-FB0912ME | | | 0.4 | 4.8 | 6000 | 1.89 | 66.81 | 17.28 | 0.68 | 38 |
| SFD-FB0912HE | | | 0.54 | 6.56 | 7000 | 2.22 | 78.32 | 24.1 | 0.94 | 41 |
| SFD-FB0912HHE | | | 0.84 | 10 | 8000 | 2.56 | 90.36 | 32.1 | 1.26 | 46 |
| SFD-FB0912VHE | | | 1.2 | 14.4 | 9000 | 2.87 | 101.39 | 37.73 | 1.48 | 50.5 |
| SFD-FB0912SHE | | | 1.51 | 18.2 | 10000 | 3.28 | 115.6 | 44.5 | 1.75 | 55.5 |
| SFD-FB0924LE | 24 | 13-28 | 0.13 | 3.12 | 5000 | 1.6 | 56.5 | 12.2 | 0.48 | 35.0 |
| SFD-FB0924ME | | | 0.2 | 4.8 | 6000 | 1.89 | 66.81 | 17.28 | 0.68 | 38 |
| SFD-FB0924HE | | | 0.27 | 6.56 | 7000 | 2.22 | 78.32 | 24.1 | 0.94 | 41 |
| SFD-FB0924HHE | | | 0.42 | 10 | 8000 | 2.56 | 90.36 | 32.1 | 1.26 | 46 |
| SFD-FB0924VHE | | | 0.6 | 14.4 | 9000 | 2.87 | 101.39 | 37.73 | 1.48 | 50.5 |
| SFD-FB0924SHE | | | 0.75 | 18.2 | 10000 | 3.28 | 115.6 | 44.5 | 1.75 | 55.5 |
| SFD-FB0948LE | 48 | 29.0~55.0 | 0.065 | 3.12 | 5000 | 1.6 | 56.5 | 12.2 | 0.48 | 35.0 |
| SFD-FB0948ME | | | 0.1 | 4.8 | 6000 | 1.89 | 66.81 | 17.28 | 0.68 | 38 |
| SFD-FB0948HE | | | 0.135 | 6.56 | 7000 | 2.22 | 78.32 | 24.1 | 0.94 | 41 |
| SFD-FB0948HHE | | | 0.21 | 10 | 8000 | 2.56 | 90.36 | 32.1 | 1.26 | 46 |
| SFD-FB0948VHE | | | 0.3 | 14.4 | 9000 | 2.87 | 101.39 | 37.73 | 1.48 | 50.5 |
| SFD-FB0948SHE | | | 0375 | 18.2 | 10000 | 3.28 | 115.6 | 44.5 | 1.75 | 55.5 |

# SFD-FB-9238-F CE RS

- **Dimensions(unit:mm\inch)**




- **Air Flow-Static Pressure Characteristics**




# SFD-FB-12025-F CE RS

## 120mm DC FAN

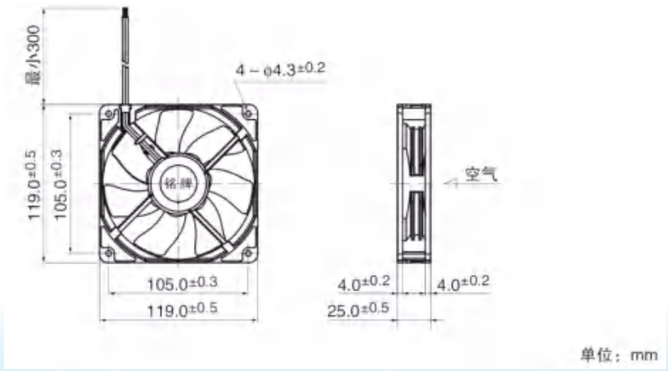
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212H-F- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 25mm (Mass:140g)**

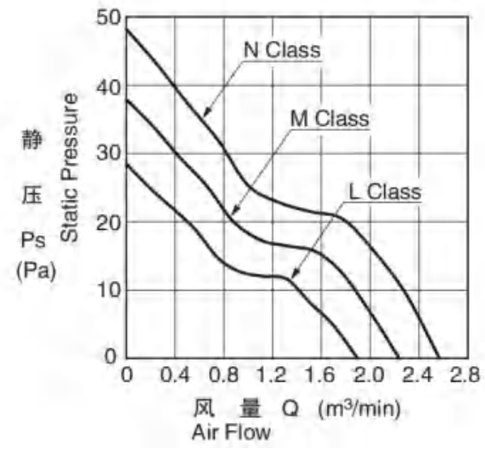
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212L-F | 12 | 7.2-13.8 | 0.13 | 1.56 | 1900 | 1.9 | 67.1 | 3.91 | 0.11 | 30.0 |
| SFD-FB1212M-F | | | 0.16 | 1.92 | 2200 | 2.25 | 79.4 | 5.14 | 0.15 | 33.5 |
| SFD-FB1212H-F | | | 0.24 | 2.88 | 2500 | 2.58 | 91.1 | 6.21 | 0.19 | 37.0 |
| SFD-FB1212VH-F | | | 0.5 | 6.0 | 3500 | 3.19 | 126.7 | 10.86 | 0.425 | 47.0 |
| SFD-FB1224L-F | 24 | 14.5~27.5 | 0.065 | 1.56 | 1900 | 1.9 | 67.1 | 3.91 | 0.11 | 30.0 |
| SFD-FB1224M-F | | | 0.08 | 1.92 | 2200 | 2.25 | 79.4 | 5.14 | 0.15 | 33.5 |
| SFD-FB1224H-F | | | 0.12 | 2.88 | 2500 | 2.58 | 91.1 | 6.21 | 0.19 | 37.0 |
| SFD-FB1224VH-F | | | 0.25 | 6.0 | 3500 | 3.19 | 126.7 | 10.86 | 0.425 | 47.0 |

- **Dimensions(unit:mm\inch)**

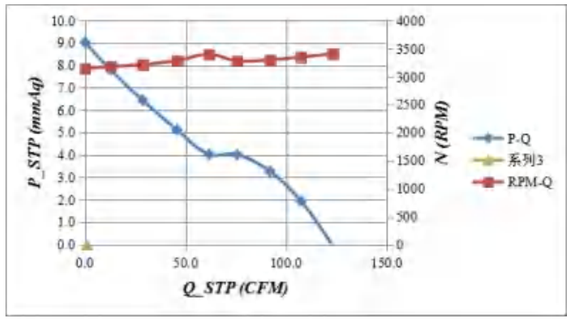


# SFD-FB-12025-F CE RS

• **Dimensions(unit:mm\inch)**




**SFD-FB1224VH-A**






# SFD-FB-12038-B CE RS

## 120mm DC FAN

### General Specifications

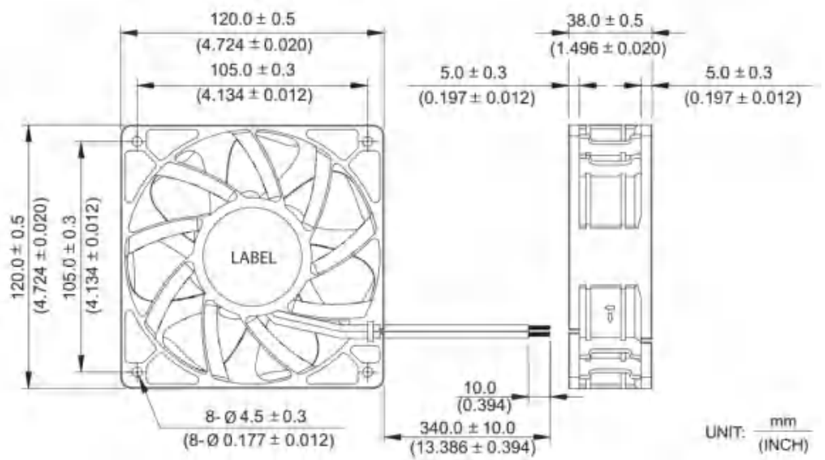
Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HE-B B R 1
Waterproof level:0=no,1=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:240g)**

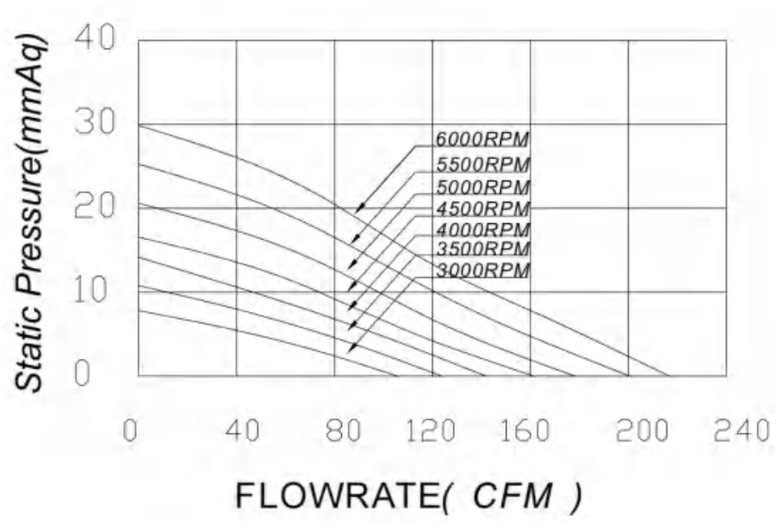
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-FB1212LE-B | 12 | 7.2-13.8 | 0.4 | 4.8 | 3000 | 3.14 | 110.99 | 8.58 | 0.337 | 45.7 |
| SFD-FB1212ME-B | | | 0.5 | 6.0 | 3500 | 3.53 | 124.92 | 10.8 | 0.425 | 49.3 |
| SFD-FB1212HE-B | | | 0.7 | 8.4 | 4000 | 4.05 | 142.97 | 13.81 | 0.543 | 52.8 |
| SFD-FB1224LE-B | 24 | 14.5~27.5 | 0.2 | 4.8 | 3000 | 3.14 | 110.99 | 8.58 | 0.337 | 45.7 |
| SFD-FB1224ME-B | | | 0.25 | 6.0 | 3500 | 3.53 | 124.92 | 10.8 | 0.425 | 49.3 |
| SFD-FB1224HE-B | | | 0.35 | 8.4 | 4000 | 4.05 | 142.97 | 13.81 | 0.543 | 52.8 |
| SFD-FB1224LE-B | 48 | 29.0~55.0 | 0.1 | 4.8 | 3000 | 3.14 | 110.99 | 8.58 | 0.337 | 45.7 |
| SFD-FB1224ME-B | | | 0.125 | 6.0 | 3500 | 3.53 | 124.92 | 10.8 | 0.425 | 49.3 |
| SFD-FB1224HE-B | | | 0.175 | 8.4 | 4000 | 4.05 | 142.97 | 13.81 | 0.543 | 52.8 |

# SFD-FB-12038-B CE RS

• **Dimensions(unit:mm\inch)**




**•Air Flow-Static Pressure Characteristics**






# SFD-FB-12038-F CE RS

## 120mm DC FAN

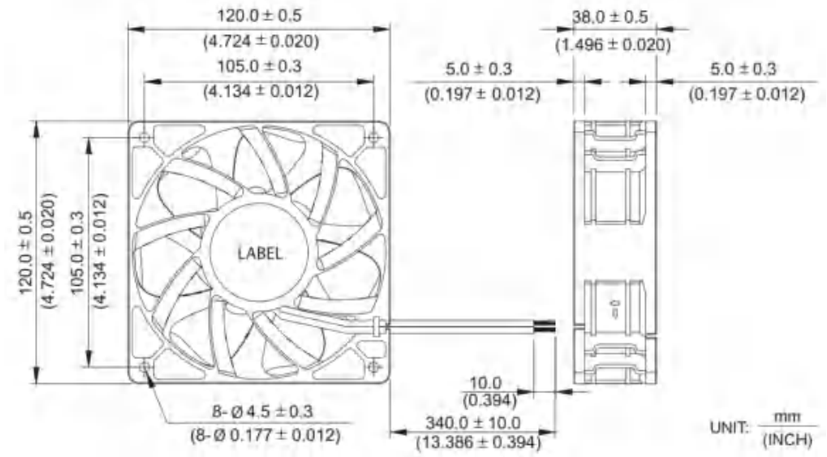
### General Specifications

Material ---------- -Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------+ Red - Black (Sensor) Brown (Control) Yellow
Life time----------25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-FB1212HHE-B B R 1
Waterproof level:0=no,1=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:240g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | ADC | ADC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EB1222LE-B | 220 | 60-240 | 0.018 | 4.0 | 3000 | 3.14 | 110.99 | 8.58 | 0.337 | 45.7 |
| SFD-EB1222ME-B | | | 0.023 | 5.0 | 3500 | 3.53 | 124.92 | 10.8 | 0.425 | 49.3 |

• **Dimensions(unit:mm\inch)**



# EC Fan
# EC风扇



# SFD-EC 6025 CE RS

## 60mm DC FAN

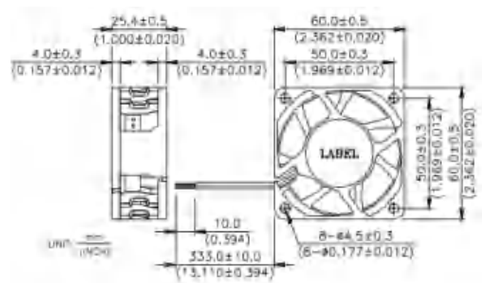
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire---------- ( L ) Black
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB0611HH- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

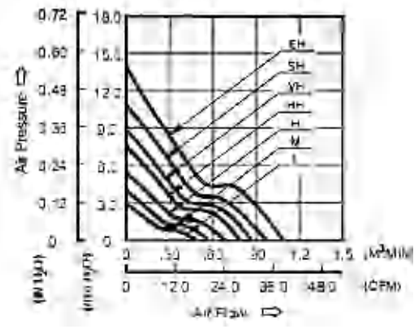
### 60 X 60 X 25mm (Mass:65g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC0611L | 115 | 90~130 | 1.2 | 3200 | 0.476 | 16.81 | 2.86 | 0.113 | 27 |
| SFD-EC0611M | | | 1.92 | 3800 | 0.560 | 19.78 | 3.93 | 0.155 | 32 |
| SFD-EC0611H | | | 2.3 | 4450 | 0.662 | 23.35 | 5.35 | 0.211 | 35 |
| SFD-EC0611HH | | | 2.8 | 5200 | 0.780 | 27.55 | 7.47 | 0.294 | 41 |
| SFD-EC0611VH | | | 3.4 | 5700 | 0.863 | 30.48 | 8.76 | 0.345 | 44 |
| SFD-EC0611SH | | | 4.2 | 6200 | 0.967 | 34.15 | 10.73 | 0.422 | 46 |
| SFD-EC0622L | 220 | 190~245 | 1.2 | 3200 | 0.476 | 16.81 | 2.86 | 0.113 | 27 |
| SFD-EC0622M | | | 1.92 | 3800 | 0.560 | 19.78 | 3.93 | 0.155 | 32 |
| SFD-EC0622H | | | 2.3 | 4450 | 0.662 | 23.35 | 5.35 | 0.211 | 35 |
| SFD-EC0622HH | | | 2.8 | 5200 | 0.780 | 27.55 | 7.47 | 0.294 | 41 |
| SFD-EC0622VH | | | 3.4 | 5700 | 0.863 | 30.48 | 8.76 | 0.345 | 44 |
| SFD-EC0622SH | | | 4.2 | 6200 | 0.967 | 34.15 | 10.73 | 0.422 | 46 |

• Dimensions(unit:mm\inch)




•Air Flow-Static Pressure Characteristics



## 80mm DC FAN

### General Specifications

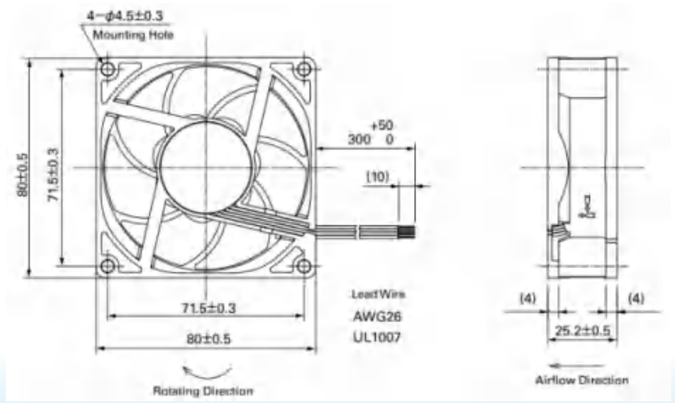
Material ------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Control) Yellow (Sensor)Brown
Life time ----------
100000 Hours Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

SFD-EC0822HH-A B R 1
- 1: Waterproof level:0=no,1=IP55,2=IP68
- R: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- B: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**80 X 80 X 25mm (Mass:100g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC0822L-A | 110-220 | 80.0-250 | 50/60 | 0.72 | 1500 | 0.42 | 14.8 | 7.2 | 0.02 | 17 |
| SFD-EC0822M-A | | | 50/60 | 0.96 | 2100 | 0.58 | 20.4 | 14.3 | 0.05 | 19 |
| SFD-EC0822H-A | | | 50/60 | 1.44 | 2800 | 0.78 | 27.5 | 25.4 | 0.1 | 23 |
| SFD-EC0822HH-A | | | 50/60 | 2.16 | 3500 | 1.01 | 35.5 | 40.5 | 0.16 | 28 |
| SFD-EC0822VH-A | | | 50/60 | 2.64 | 5200 | 1.46 | 51.5 | 87.7 | 0.35 | 38 |

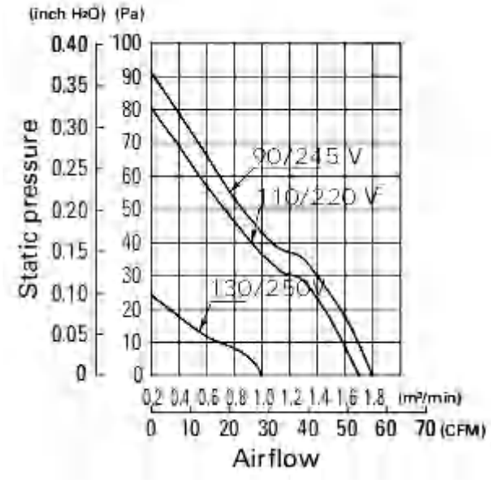
### • Dimensions(unit:mm\inch)






SFD-EC 8025-C CE RS

### •Air Flow-Static Pressure Characteristics



## 80mm DC FAN

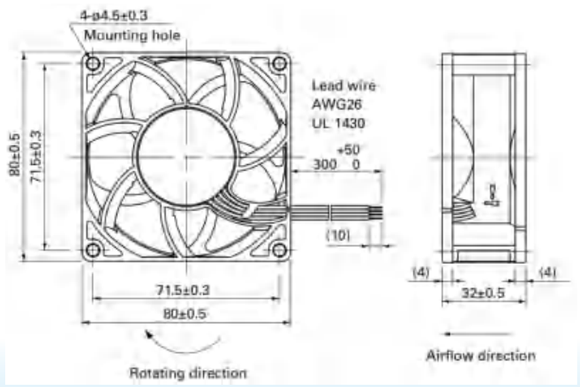
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB0811HF-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 80 X 80 X 32mm (Mass:125g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC0811LF-A | 115 | 90~130 | 0.01 | 1.2 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-EC0811MF-A | | | 0.02 | 1.8 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-EC0811HF-A | | | 0.04 | 3.8 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-EC0811HHF-A | | | 0.05 | 5.0 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |
| SFD-EC0822LF-A | 220 | 190~245 | 0.005 | 1.2 | 2600 | 0.66 | 23.3 | 26 | 0.1 | 21 |
| SFD-EC0822MF-A | | | 0.01 | 1.8 | 4000 | 1.01 | 35.7 | 61.2 | 0.25 | 33 |
| SFD-EC0822HF-A | | | 0.02 | 3.8 | 6000 | 1.51 | 53.4 | 137.7 | 0.55 | 44 |
| SFD-EC0822HHF-A | | | 0.025 | 5.0 | 6700 | 1.69 | 59.6 | 171 | 0.68 | 47 |

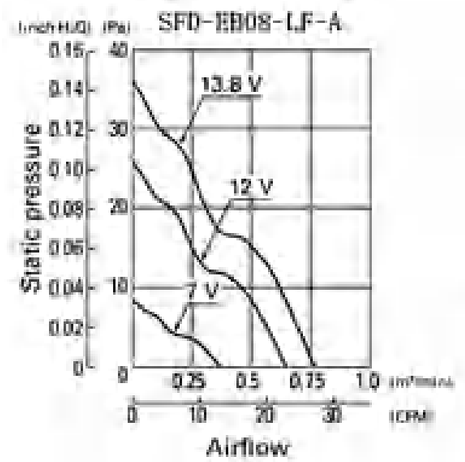
- **Dimensions(unit:mm\inch)**

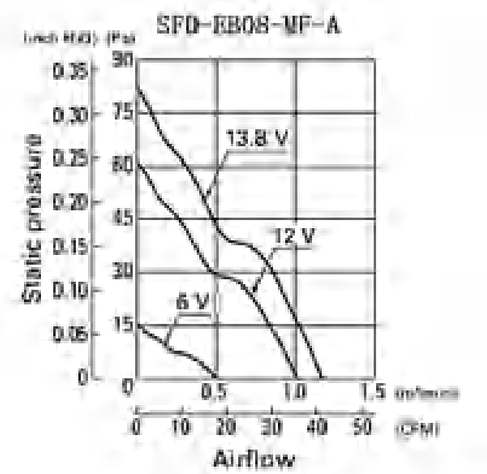


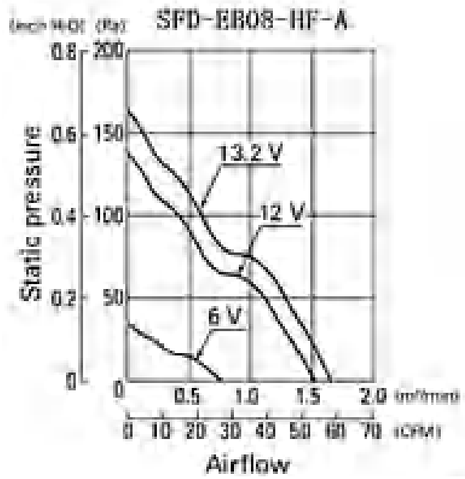


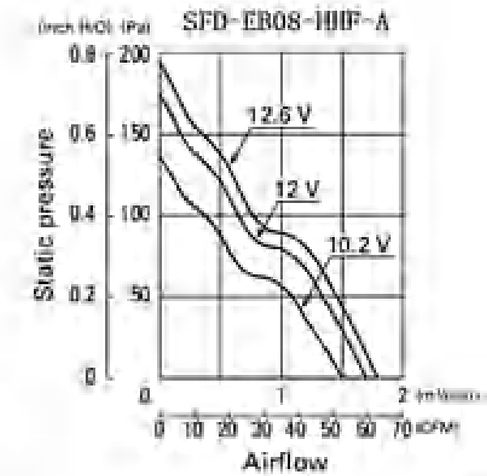

SFD-EC 8032-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 80mm DC FAN

Material ------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----L、N-Black (Sensor) Yellow (Control) Brown
Life time ----------70000H Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---±10%
Part Numbering System

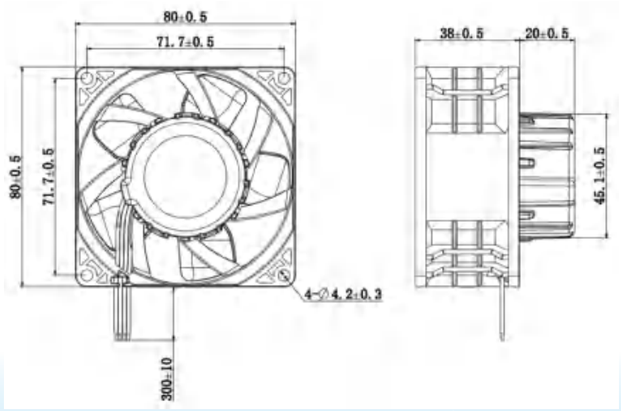
SFD-EC0812HG-[B] [R] [1]

- [1]: Waterproof level:0=no,1=IP55,2=IP68
- [R]: Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- [B]: Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**80 X 80 X 38mm (Mass:220g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | AMP | Watt | R.P.M | M3/min | CFM | mm H2O | IN H2O | dB-A |
| SFD-EC0811LG-C | 115/220 | 100-245 | 0.06 | 7.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-EC0811MG-C | | | 0.076 | 8.8 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-EC0811HG-C | | | 0.1 | 11.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-EC0811HHG-C | | | 0.133 | 15.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |
| SFD-EC0822LG-C | 115/220 | 100-245 | 0.03 | 7.0 | 5000 | 1.67 | 58.71 | 14.19 | 0.559 | 45.5 |
| SFD-EC0822MG-C | | | 0.04 | 8.8 | 6000 | 1.99 | 70.39 | 20.11 | 0.792 | 48.5 |
| SFD-EC0822HG-C | | | 0.05 | 11.8 | 7000 | 2.34 | 82.45 | 27.03 | 1.06 | 51.5 |
| SFD-EC0822HHG-C | | | 0.07 | 15.4 | 8000 | 2.73 | 95.95 | 36.39 | 1.43 | 54.5 |

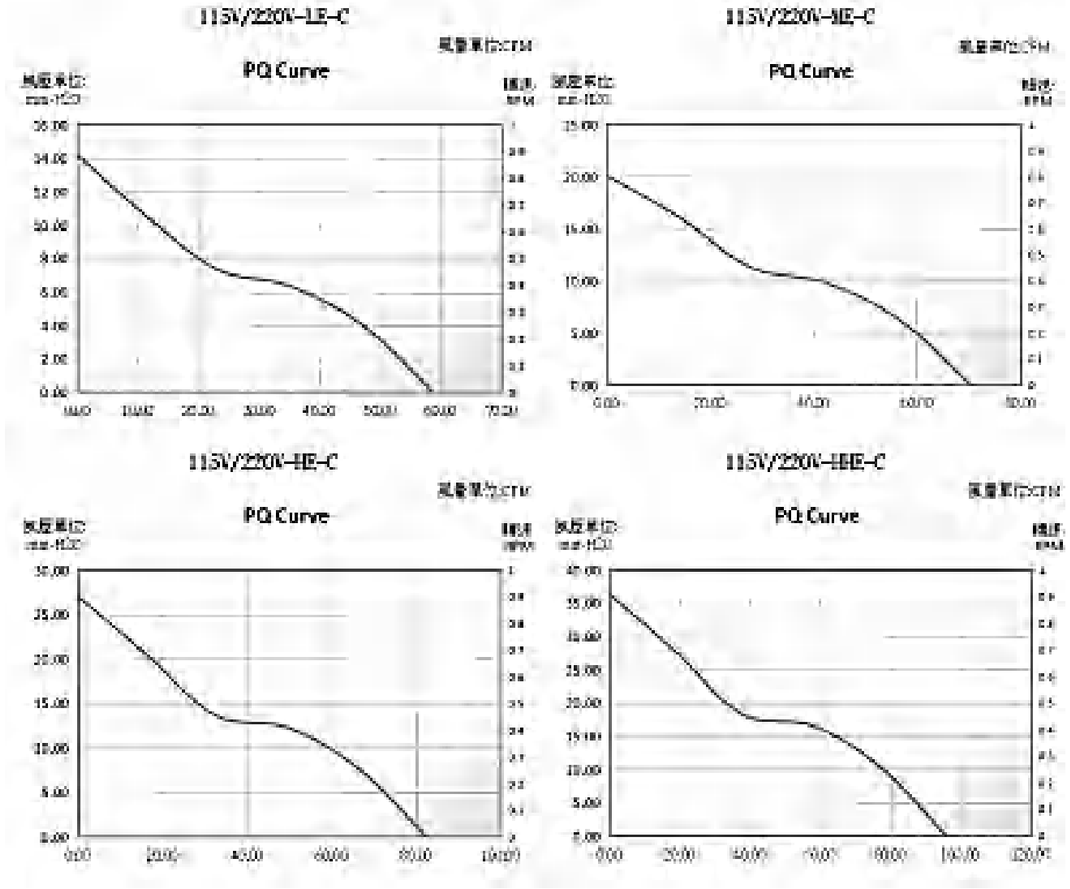
**• Dimensions(unit:mm\inch)**






SFD-EC 8038-C CE RS

**•Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

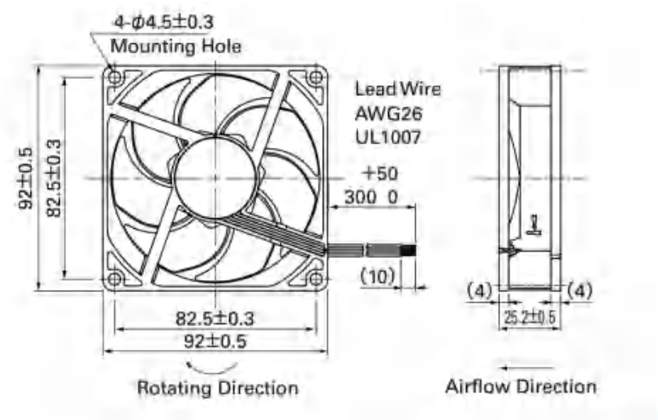
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB0912H- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 92 X 92 X 25mm (Mass:120g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC0911L-A | 115 | 90~130 | 0.02 | 2.4 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-EC0911M-A | | | 0.04 | 3.6 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-EC0911H-A | | | 0.05 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |
| SFD-EC0922L-A | 220 | 190~245 | 0.01 | 2.4 | 3800 | 1.67 | 59 | 60.6 | 0.24 | 35 |
| SFD-EC0922M-A | | | 0.02 | 3.6 | 4400 | 1.93 | 68.2 | 81 | 0.33 | 39 |
| SFD-EC0922H-A | | | 0.03 | 4.8 | 5000 | 2.2 | 77.7 | 105 | 0.42 | 43 |

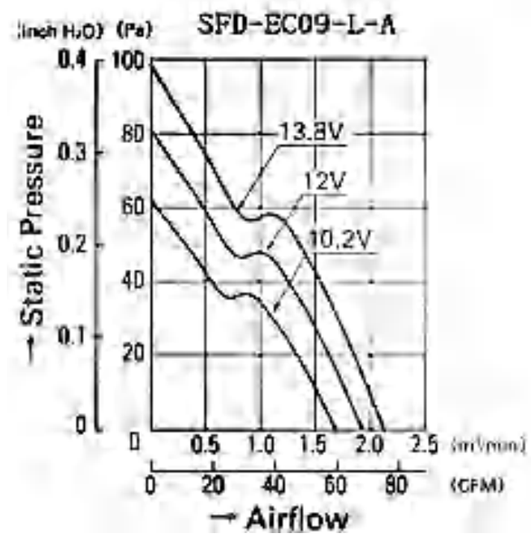
- **Dimensions(unit:mm\inch)**

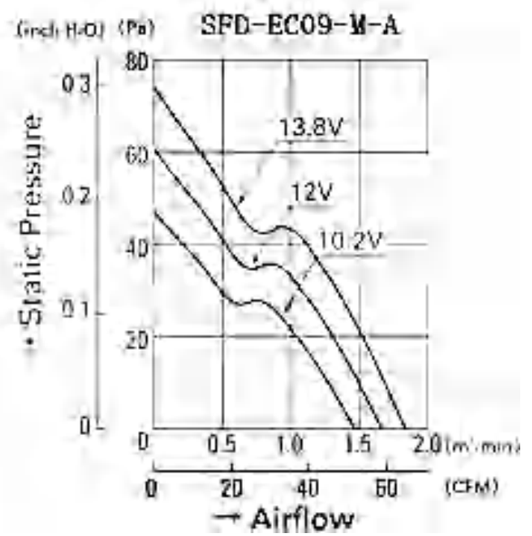


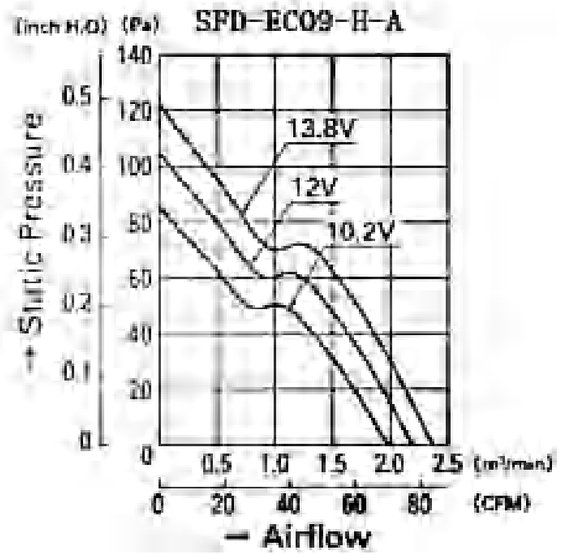



SFD-EC 9225-A CE RS

- **Air Flow-Static Pressure Characteristics**



## 92mm DC FAN

### General Specifications

Material ------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Browbn (Control)Yellow
Life time ----------25000 Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur---30℃ ~ + 70℃ (Non-comdensing)
Bearing Type---Ball Bearings Sleeve
Speed Range---?0%
Part Numbering System

SFD-FB0912UHE-AB R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

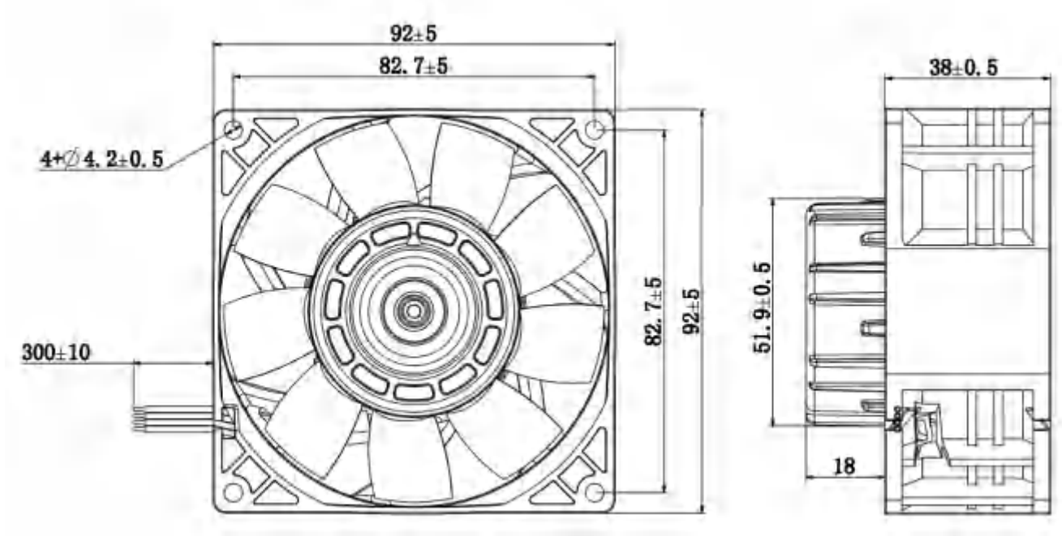
**92 X 92 X 38mm (Mass: 315g)**

| Model No. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | mmH2O | IN H2O | dB-A |
| SFD-EC0911HHE-A | 115 | 100~130 | 0.33 | 3.96 | 3200 | 1.933 | 68.26 | 7.76 | 0.305 | 43.5 |
| SFD-EC0911VHE-A | | | 0.38 | 4.56 | 3800 | 2.287 | 80.77 | 10.88 | 0.428 | 46.2 |
| SFD-EC0911SHE-A | | | 0.55 | 6.6 | 4400 | 2.668 | 94.22 | 14.67 | 0.578 | 51.7 |
| SFD-EC0911EHE-A | | | 0.68 | 8.16 | 4800 | 2.936 | 103.67 | 17.56 | 0.691 | 54.0 |
| SFD-EC0911GHE-A | | | 1.22 | 14.64 | 6000 | 3.662 | 129.31 | 25.78 | 1.015 | 60.5 |
| SFD-EC0911UHE-A | | | 2.00 | 24.0 | 7000 | 4.347 | 153.52 | 36.79 | 1.449 | 64.0 |
| SFD-EC0922HHE-A | 220 | 190~245 | 0.165 | 3.96 | 3200 | 1.933 | 68.26 | 7.76 | 0.305 | 43.5 |
| SFD-EC0922VHE-A | | | 0.19 | 4.56 | 3800 | 2.287 | 80.77 | 10.88 | 0.428 | 46.2 |
| SFD-EC0922SHE-A | | | 0.275 | 6.6 | 4400 | 2.668 | 94.22 | 14.67 | 0.578 | 51.7 |
| SFD-EC0922EHE-A | | | 0.34 | 8.16 | 4800 | 2.936 | 103.67 | 17.56 | 0.691 | 54.0 |
| SFD-EC0922GHE-A | | | 0.61 | 14.64 | 6000 | 3.662 | 129.31 | 25.78 | 1.015 | 60.5 |
| SFD-EC0922UHE-A | | | 1.00 | 24.0 | 7000 | 4.347 | 153.52 | 36.79 | 1.449 | 64.0 |

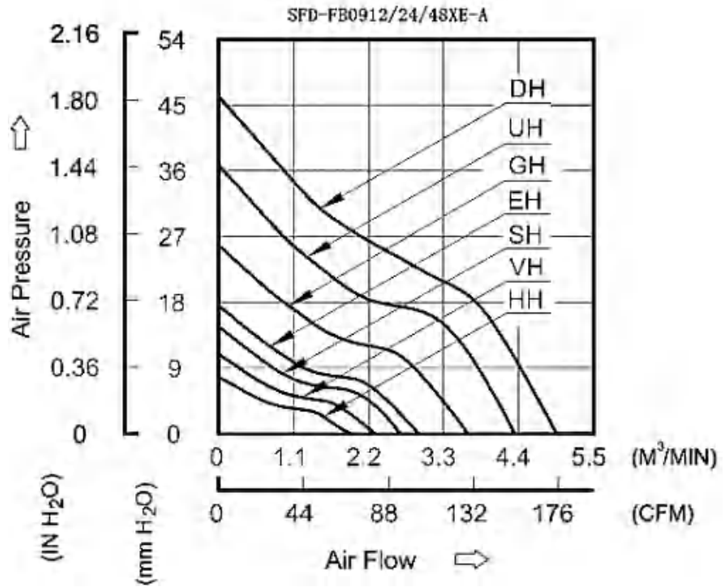


SFD-EC 9238-A CE RS

**Dimensions(unit:mm\inch)**




**Air Flow-Static Pressure Characteristics**



# SFD-EC 12038-D CE RS

## 120mm DC FAN

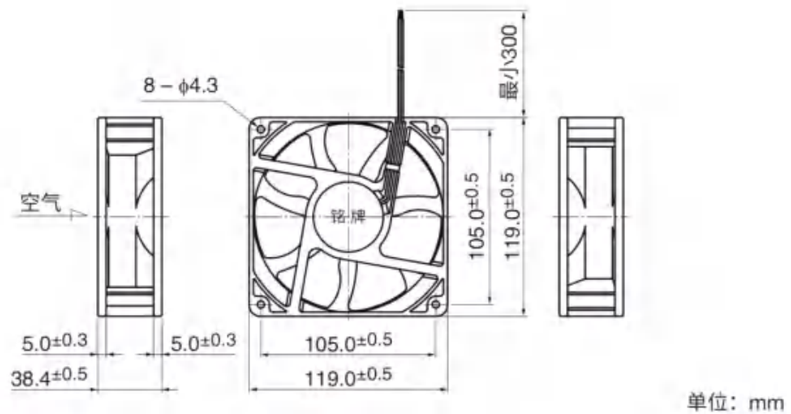
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -40℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1222HHE- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X120 X 38mm (Mass:240g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1222LE-A | 110/220 | 80-250 | 0.01 | 2.4 | 2000 | 2.38 | 84.72 | 4.55 | 0.17 | 34.5 |
| SFD-EC1222ME-A | | | 0.015 | 3.36 | 2350 | 2.67 | 94.86 | 5.94 | 0.234 | 39.0 |
| SFD-EC1222HE-A | | | 0.019 | 4.2 | 2650 | 2.98 | 104.8 | 7.56 | 0.296 | 42.0 |
| SFD-EC1222HHE-A | | | 0.026 | 5.76 | 2950 | 3.36 | 119.7 | 8.98 | 0.381 | 45.5 |

- **Dimensions(unit:mm\inch)**






# SFD-EC 12038-D1 CE RS

## 120mm DC FAN

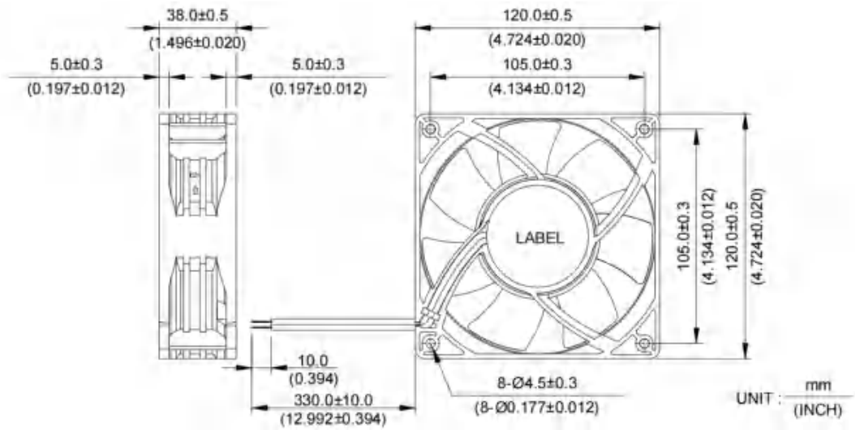
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 20000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1222SHE-D1 B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:330g)**

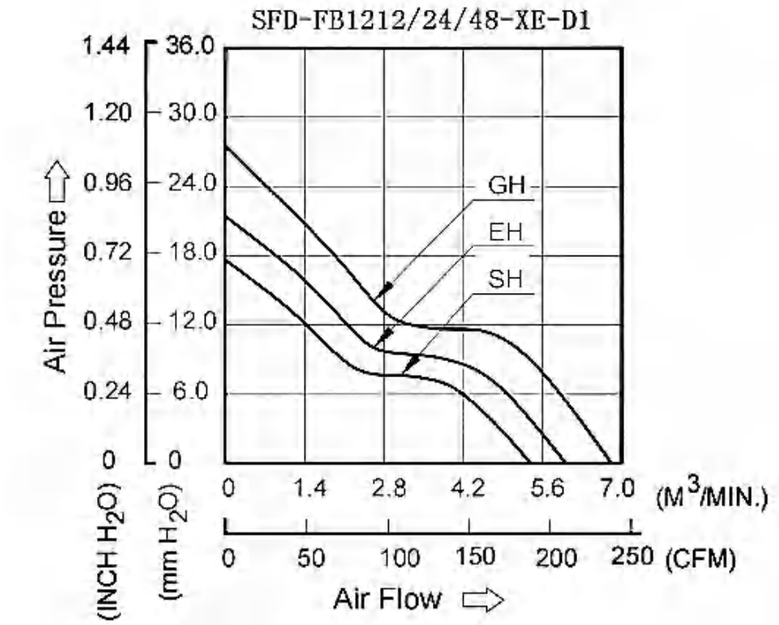
| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1222SHE-D1 | 220 | 80.0-250 | 0.064 | 14.00 | 4100 | 5.394 | 190.48 | 22.88 | 0.901 | 56.5 |

- **Dimensions(unit:mm\inch)**



# SFD-EC 12038-D1 CE RS

**•Air Flow-Static Pressure Characteristics**




# SFD-EC 12038-N CE RS

## 120mm DC FAN

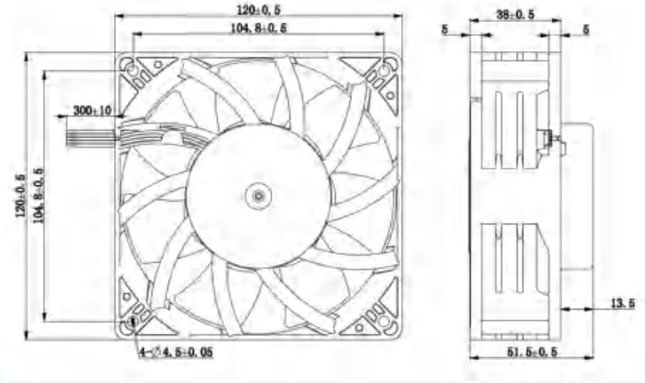
### General Specifications

Material ----------Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 20000 Hours Sleeve bearing
70000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1222HE-N B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**120 X 120 X 38mm (Mass:420g)**

| Model No. | Rated Voltage | Operating Voltage | Frequency | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | HZ | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1211HE-N | 115 | 100.0~125 | 50/60 | 8.2 | 3000 | 3.740 | 131.72 | 10.05 | 0.396 | 49.5 |
| SFD-EC1211HHE-N | | | 50/60 | 13.4 | 3600 | 4.604 | 162.10 | 15.00 | 0.591 | 52.5 |
| SFD-EC1211VHE-N | | | 50/60 | 19.2 | 4100 | 5.394 | 190.48 | 22.88 | 0.896 | 56.5 |
| SFD-EC1222HE-N | 220 | 190.0~240 | 50/60 | 8.2 | 3000 | 3.740 | 131.72 | 10.05 | 0.396 | 49.5 |
| SFD-EC1222HHE-N | | | 50/60 | 13.4 | 3600 | 4.604 | 162.10 | 15.00 | 0.591 | 52.5 |
| SFD-EC1222VHE-N | | | 50/60 | 19.2 | 4100 | 5.394 | 190.48 | 22.88 | 0.896 | 56.5 |

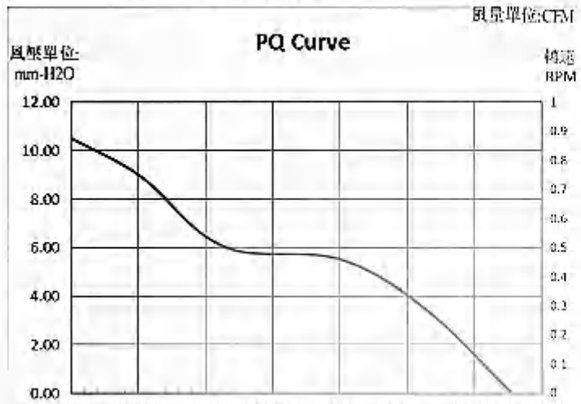
**• Dimensions(unit:mm\inch)**



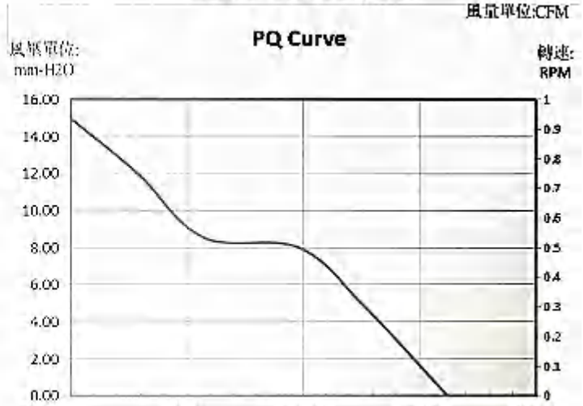
# SFD-EC 12038-N CE RS

**•Air Flow-Static Pressure Characteristics**

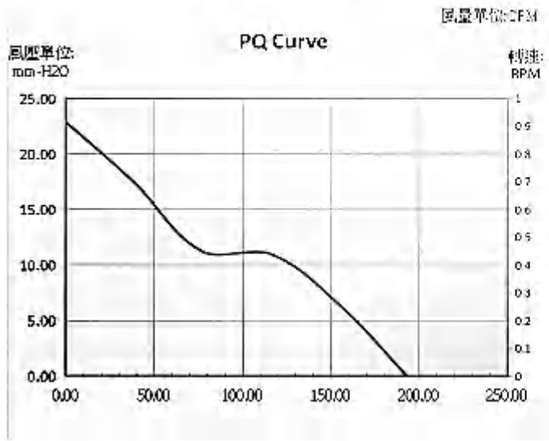
HE-N-AC 115/220V



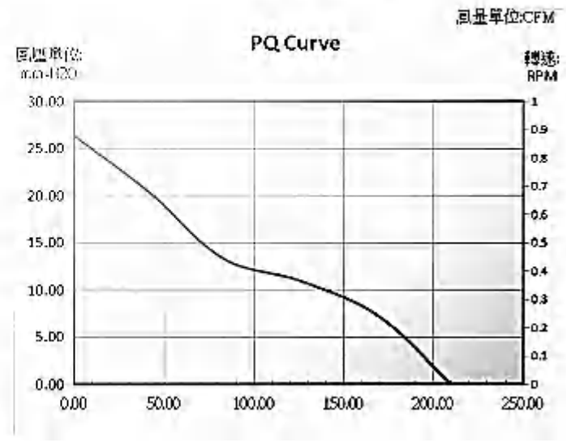

HHE-N-AC 115/220V




VHE-N-AC 115/220V




SHE-N-AC 115/220V






# SFD-EC 15051-B CE RS

## 150mm DC FAN

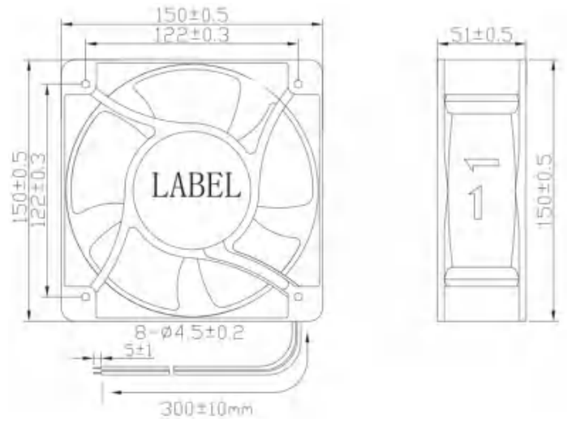
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1522HG-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 150 X 150 X 51mm (Mass:700g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1522HHG-B | 110/220 | 80-250 | 0.027 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-EC1522MG-B | | | 0.038 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-EC1522HG-B | | | 0.065 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-EC1522HHG-B | | | 0.125 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |

**• Dimensions(unit:mm\inch)**



## 155mm DC FAN

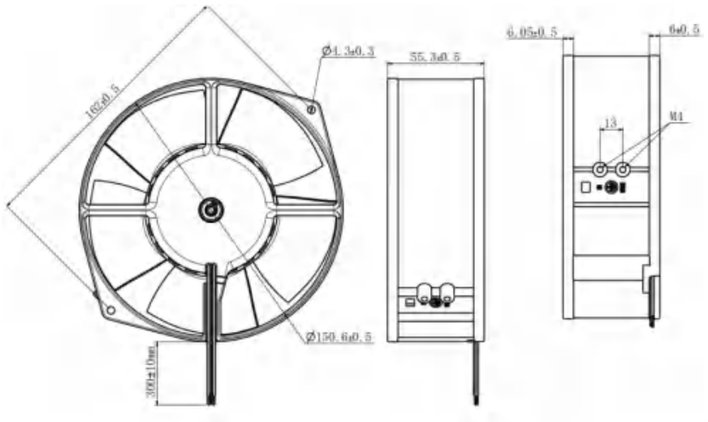
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB15022HG-A- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 150 X 55mm (Mass:710g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.StaticPressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | AMP | Watt | R.P.M | M3/min | CFM | MMH2O | IN H2O | dB-A |
| SFD-EC15012HG-A | 115 | 90~120 | 0.104 | 12.0 | 3050 | 6.59 | 212 | 15.75 | 0.62 | 53 |
| SFD-EC15012HG-A | 115 | 90~120 | 0.18 | 20.0 | 3500 | 7.24 | 255 | 19.81 | 0.78 | 53 |
| SFD-EC15012HG-A | 220 | 190~250 | 0.055 | 12.0 | 3050 | 6.59 | 212 | 15.75 | 0.62 | 53 |
| SFD-EC15012HG-A | 220 | 190~250 | 0.09 | 20.0 | 3500 | 7.24 | 255 | 19.81 | 0.78 | 53 |

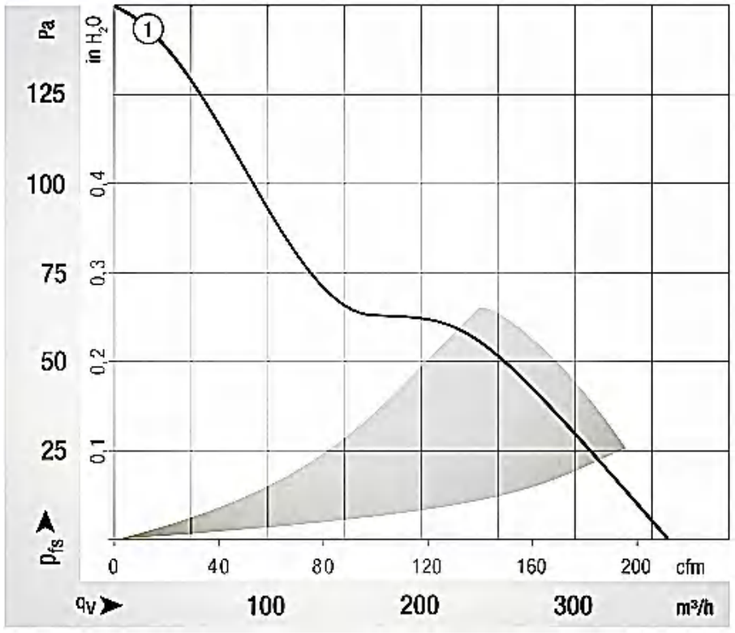
- **Dimensions(unit:mm\inch)**






SFD-EC 15055-A CE RS

- **Air Flow-Static Pressure Characteristics**



# SFD-EC 17251-A CE RS

## 172mm DC FAN

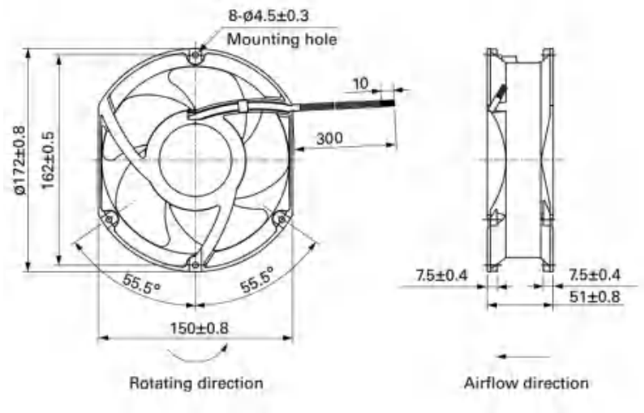
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1522HG-A- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 150 X 51mm (Mass:760g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC17222LG-A | 110/220 | 80-250 | 0.027 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-EC17222MG-A | | | 0.038 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-EC17222HG-A | | | 0.065 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |
| SFD-EC17222HHG-A | | | 0.125 | 27.6 | 3800 | 8 | 282 | 21.34 | 0.84 | 60 |

- **Dimensions(unit:mm\inch)**






# SFD-EC 17251-B CE RS

## 172mm DC FAN

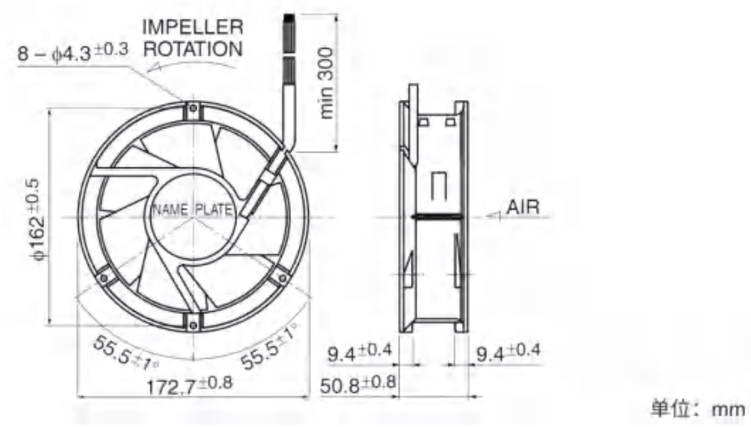
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB1522HG-B- B R 1
1 Waterproof level:0=no,1=IP55,2=IP68
R Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
B Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 150 X 51mm (Mass:760g)**

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VDC | AMP | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1722LG-B | 110/220 | 80-250 | 0.027 | 6.0 | 2000 | 4.2 | 148 | 6.88 | 0.271 | 41.5 |
| SFD-EC1722MG-B | | | 0.038 | 8.4 | 2500 | 5.1 | 180 | 9.65 | 0.38 | 47 |
| SFD-EC1722HG-B | | | 0.065 | 14.4 | 3050 | 6.4 | 226 | 13.99 | 0.551 | 52 |

- **Dimensions(unit:mm\inch)**



# SFD-EC 17251-B1 CE RS

## 172mm DC FAN

### General Specifications

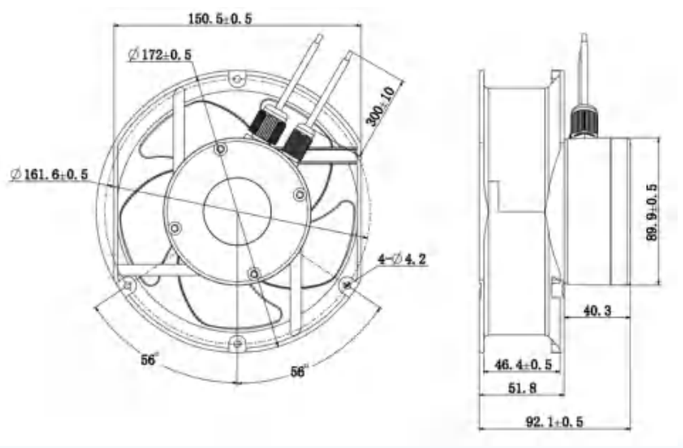
Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Yellow (Control) Brown
Life time ----------70000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings
Speed Range---?0%
Part Numbering System

SFD-EC1511UHG-B1B R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 150 X 51mm (Mass:880g)**

| Model No. | Rated Voltage | Operating Voltage | Frequency | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | HZ | Watt | R.P.M | M3/min | CFM | MmH2O | IN H2O | dB-A |
| SFD-EC1511UHG-B1 | 115 | 80-250 | 50/60 | 80 | 6500 | 11.36 | 400.0 | 78.48 | 3.09 | 72.5 |
| SFD-EC1511XHG-B1 | | | | 140 | 8500 | 15.46 | 546.9 | 102.11 | 4.02 | 78.5 |
| SFD-EC1522UHG-B1 | 220 | 80-250 | 50/60 | 80 | 6500 | 11.36 | 400.0 | 78.48 | 3.09 | 72.5 |
| SFD-EC1522XHG-B1 | | | | 140 | 8500 | 16.1 | 566.9 | 102.11 | 4.02 | 78.5 |

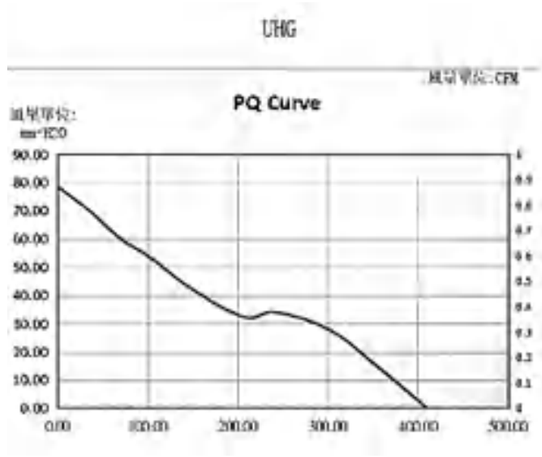
**Dimensions(unit:mm₩inch)**

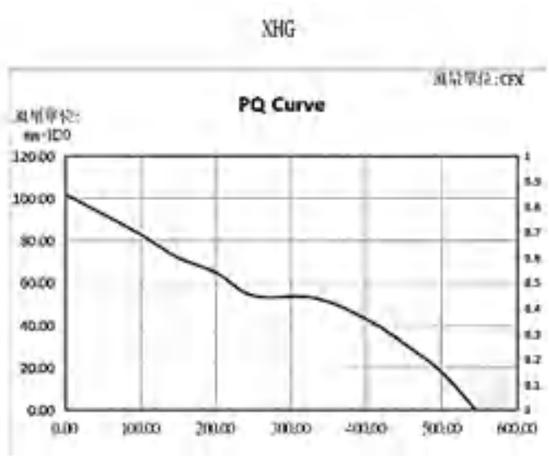





# SFD-EC 17251-B CE RS

### Air Flow-StaticPressure Characteristics



## 172mm DC FAN

### General Specifications

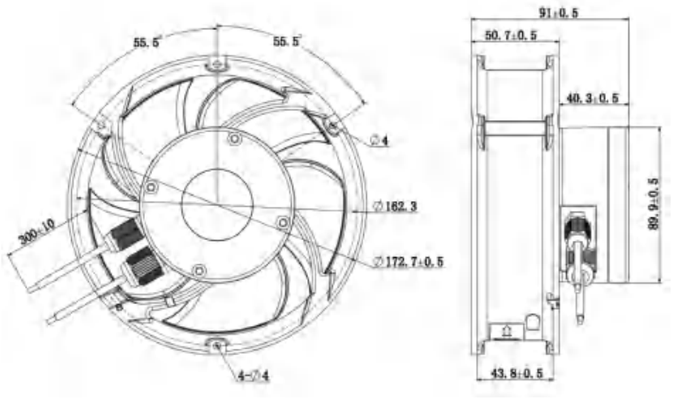
Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Brown (Control)Yellow
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings
Speed Range---?0%
Part Numbering System

SFD-EC1711GHG-DB R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm (Mass:910g)**

| Model No. | Rated Voltage | Operating Voltage | Frequency | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | HZ | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC1711GHG-D | 115 | 80-250 | 50/60 | 45 | 5500 | 10.02 | 353 | 600 | 2.41 | 60 |
| SFD-EC1711UHG-D | | | | 70 | 7000 | 11.87 | 418 | 800 | 3.21 | 69 |
| SFD-EC1711XHG-D | | | | 145 | 9200 | 15.48 | 545 | 1120 | 4.49 | 75 |
| SFD-EC1722GHG-D | 220 | 80-250 | 50/60 | 45 | 5500 | 10.02 | 353 | 600 | 2.41 | 60 |
| SFD-EC1722UHG-D | | | | 70 | 7000 | 11.87 | 418 | 800 | 3.21 | 69 |
| SFD-EC1722XHG-D | | | | 145 | 9200 | 15.48 | 545 | 1280 | 5.15 | 75 |

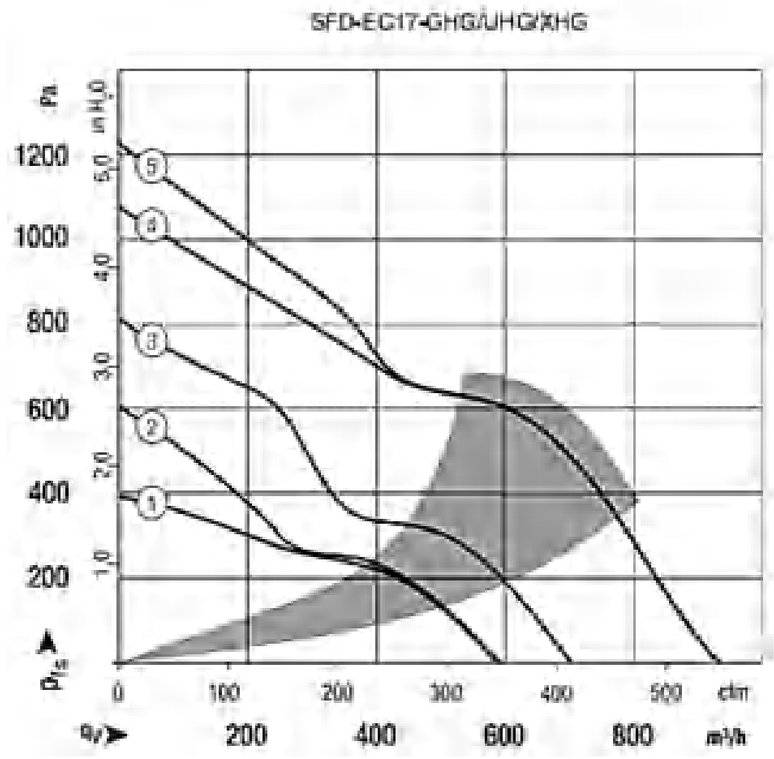
**Dimensions(unit:mm₩inch)**






SFD-EC 17251-D CE RS

### Air Flow-StaticPressure Characteristics



## 172mm DC FAN

### General Specifications

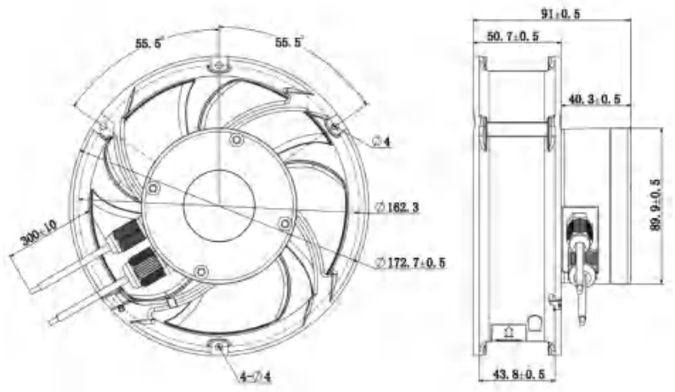
Material ------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire -----+Red -Black (Sensor) Brown (Control)Yellow
Life time ----------50000 Ball bearing
Storage Temperatur---30℃ ~+70℃ (Non-comdensing)
Bearing Type---Ball Bearings
Speed Range---?0%
Part Numbering System

SFD-EC1711GHG-E[B]- R 1
- Waterproof level:0=no,1=IP55,2=IP68
- Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
- Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

**172 X 51mm (Mass:910g)**

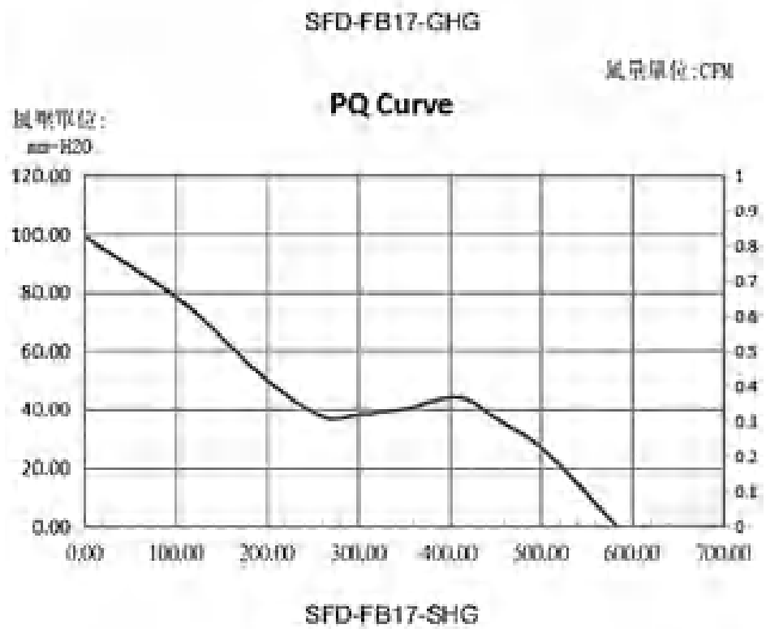
| Model No. | Rated Voltage | Operating Voltage | Frequency | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAC | VAC | HZ | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC1724SHG-E1 | 115 | 80-250 | 50/60 | 90 | 6000 | 13.43 | 473 | 649 | 2.61 | 71 |
| SFD-EC1724GHG-E1 | | | | 145 | 7200 | 16.55 | 583 | 973 | 3.91 | 75 |
| SFD-EC1748SHG-E1 | 220 | 80-250 | 50/60 | 90 | 6000 | 13.43 | 473 | 649 | 2.61 | 71 |
| SFD-EC1748GHG-E1 | | | | 145 | 7200 | 16.55 | 583 | 973 | 3.91 | 75 |

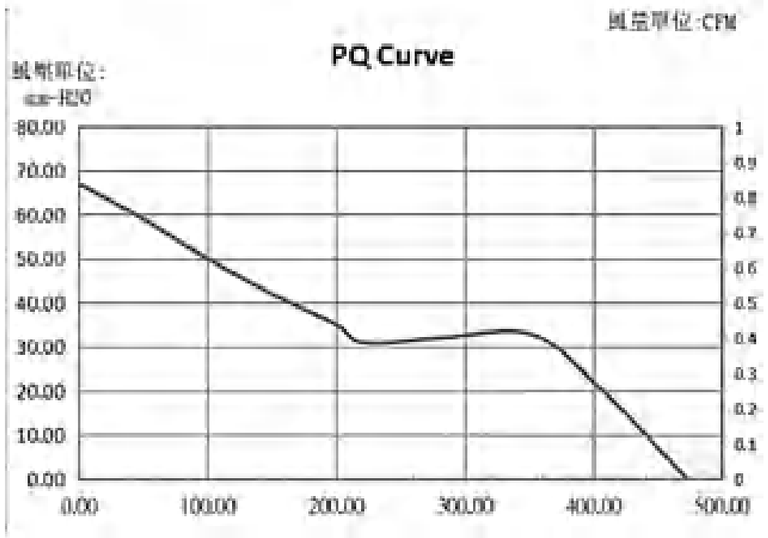
**Dimensions(unit:mm₩inch)**




SFD-EC 17251-E1 CE RS

### Air Flow-StaticPressure Characteristics



## 200mm DC FAN

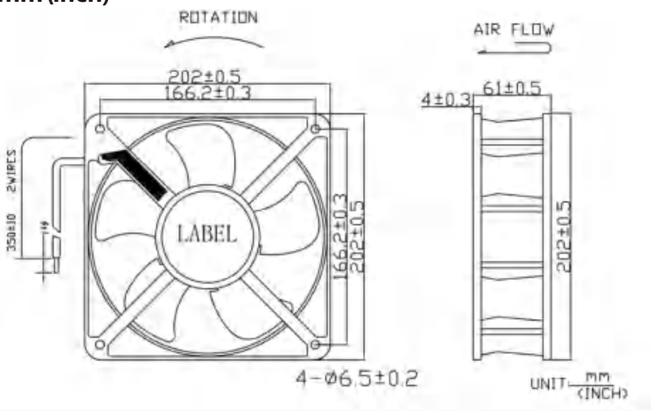
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB20060BL22LG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

### 200 X 200 X 60mm (Mass:2400g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC20060B11LG-A | 115 | 100~135 | 0.13 | 15 | 2000 | 10.57 | 373 | 88 | 0.35 | 53 |
| SFD-EC20060B11MG-A | | | 0.30 | 35 | 2500 | 13.26 | 468 | 140 | 0.56 | 60 |
| SFD-EC20060B11HG-A | | | 0.39 | 45 | 3000 | 15.85 | 559 | 203 | 0.82 | 65.5 |
| SFD-EC20060B22LG-A | 220 | 200~245 | 0.068 | 15 | 2000 | 10.57 | 373 | 88 | 0.35 | 53 |
| SFD-EC20060B22MG-A | | | 0.16 | 35 | 2500 | 13.26 | 468 | 140 | 0.56 | 60 |
| SFD-EC20060B22HG-A | | | 0.20 | 45 | 3000 | 15.85 | 559 | 203 | 0.82 | 65.5 |

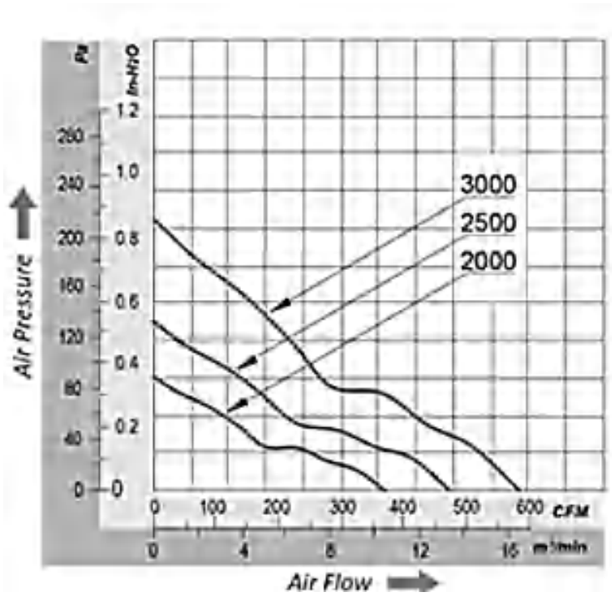
- **Dimensions(unit:mm\inch)**






SFD-EC 20060 CE RS

- **Air Flow-Static Pressure Characteristics**



# SFD-EC 22060 CE RS

## 220mm DC FAN

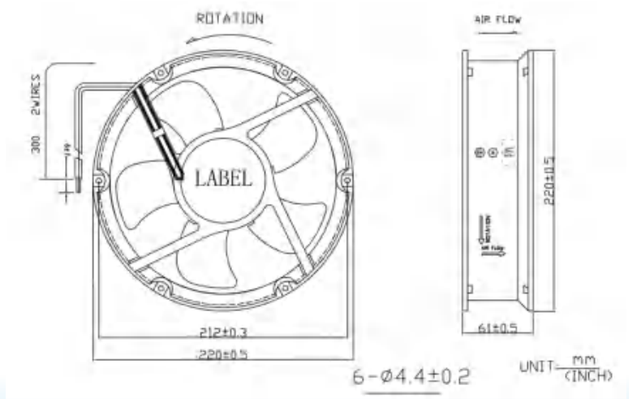
### General Specifications

Material ----------Frame:Aluminum,Impeller
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire----------+ Red - Black (Sensor) Brown (Control) Yellow
Life time---------- 50000 Hours Ball bearing
Storage Temperatur--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearings Sleeve
Speed Range----- ±10%
Part Numbering System
SFD-EB22060BL22LG- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

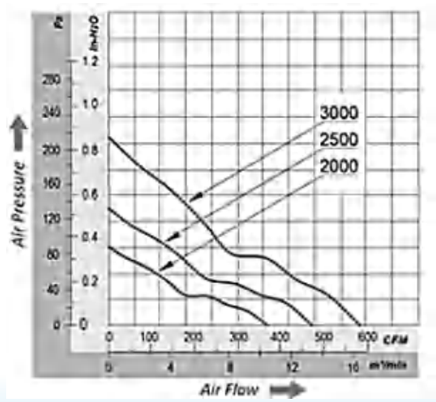
### 220 X 60mm (Mass:2450g)

| ModelNo. | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow | | Max.Static Pressure | | Noise |
|---|---|---|---|---|---|---|---|---|---|---|
| | VDC | VDC | AMP | Watt | R.P.M | M3/min | CFM | Pa | IN H2O | dB-A |
| SFD-EC22060B11LG | 115 | 100~135 | 0.13 | 15 | 2000 | 10.57 | 373 | 88 | 0.35 | 53 |
| SFD-EC22060B11MG | | | 0.30 | 35 | 2500 | 13.26 | 468 | 140 | 0.56 | 60 |
| SFD-EC22060B11HG | | | 0.39 | 45 | 3000 | 15.85 | 559 | 203 | 0.82 | 65.5 |
| SFD-EC22060B22LG | 220 | 200~245 | 0.068 | 15 | 2000 | 10.57 | 373 | 88 | 0.35 | 53 |
| SFD-EC22060B22MG | | | 0.16 | 35 | 2500 | 13.26 | 468 | 140 | 0.56 | 60 |
| SFD-EC22060B22HG | | | 0.20 | 45 | 3000 | 15.85 | 559 | 203 | 0.82 | 65.5 |

• **Dimensions(unit:mm\inch)**




•**Air Flow-Static Pressure Characteristics**





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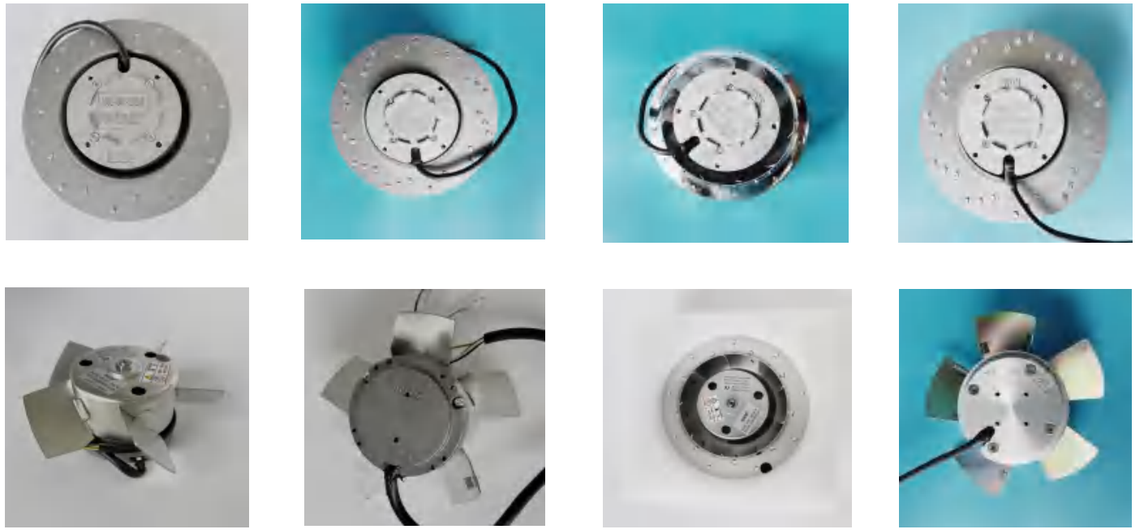
# CNC Spindle Fan
# CNC 主轴电机风扇

## CNC Spindle Motor Fan

### CNC Spindle Motor Fan

| Product Model | Diameter*Height | Operating Voltage Three-phase |
|---|---|---|
| A90L-0001-0515/R | 160*68MM | 220V |
| A90L-0001-0515/F | 160*68MM | 220V |
| A90L-0001-0516/R | 175*72MM | 220V |
| A90L-0001-0548/R | 175*72MM | 220V |
| A90L-0001-0536/R | 122*54MM | 220V |
| A90L-0001-0537/R | 122*54MM | 220V |
| A90L-0001-0538/R | 134*54MM | 220V |
| A90L-0001-0316/R | 180*71MM | 220V |





CNC Spindle Motor Fan

### CNC Spindle Motor Fan

| Product Model | Diameter*Height | Operating Voltage Three-phase |
|---|---|---|
| A90L-0001-0443/R | 160*62MM | 220V |
| A90L-0001-0443/F | 160*62MM | 220V |
| A90L-0001-0444/R | 175*72MM | 220V |
| A90L-0001-0444/F | 175*72MM | 220V |
| A90L-0001-0317/R | 180*71MM | 220V |
| A90L-0001-0317/F | 180*71MM | 220V |
| A90L-0001-0318/RW | 250*94MM | 220V |
| A90L-0001-0399/RW | 250*80MM | 380V |

## CNC Spindle Motor Fan

### CNC Spindle Motor Fan

| Product Model | Diameter*Height | Operating Voltage Three-phase |
|---|---|---|
| A90L-0001-0538/F | 133*54MM | 220V |
| A90L-0001-0316/F | 180*71MM | 220V |
| A90L-0001-0548/F | 175*72MM | 220V |
| A90L-0001-0549/F | 175*72MM | 380V |
| A90L-0001-0514/R | 133*54MM | 220V |
| A90L-0001-0519/R | 160*68MM | 380V |
| A90L-0001-0554/RW | 220*90MM | 220V |
| A90L-0001-0556/R | 220*90MM | 380V |

CNC Spindle Motor Fan

### CNC Spindle Motor Fan

| Product Model | Diameter*Height | Operating Voltage Three-phase |
|---|---|---|
| A90L-0001-0319/R | 300*90MM | 220V |
| A90L-0001-0555/R | 220*72MM | 220V |
| A90L-0001-0557/F | 220*90MM | 380V |
| A90L-0001-0558/FV | 220*90MM | 220V |
| A90L-0001-0520/R | 175*72MM | 380V |
| A90L-0001-0516/F | 175*72MM | 220V |
| A90L-0001-0523/R | 122*54MM | 220V |
| A90L-0001-0563/FV | 250*77MM | 220V |