

## DC Axial Fan

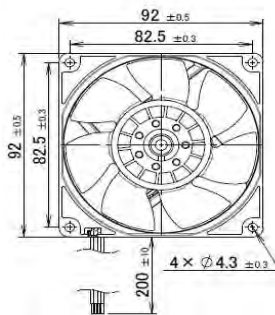


## ■ General specifications

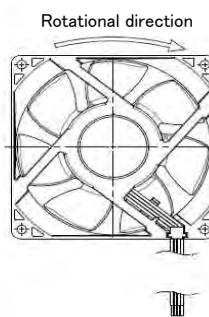
|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| Motor protection:                    | Auto restart                                         |
| Insulation resistance:               | DC500V<br>10M $\Omega$ or over with a DC500V Megger: |
| Dielectric withstand voltage:        | AC700V 1s                                            |
| Allowable ambient temperature range: | Operating -40°C~+105°C<br>Storage -40°C~+105°C       |

## ■ Outline

(Inlet side)



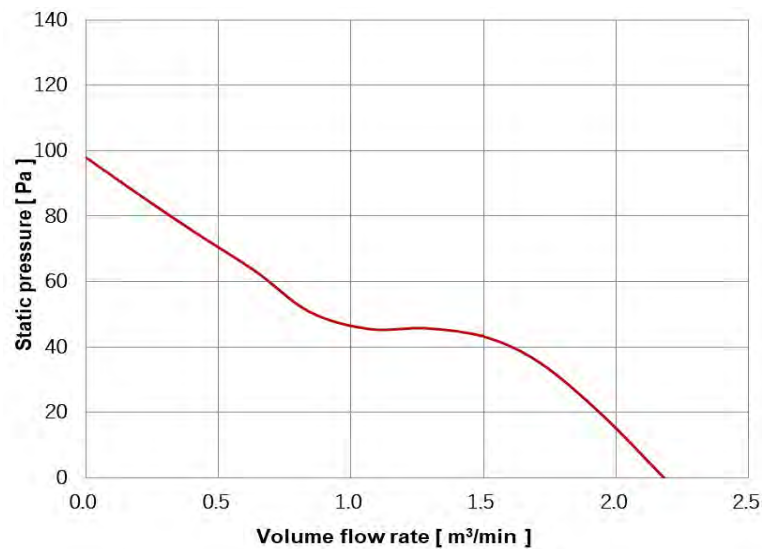
(Outlet Side)



## ■ Material

|            |                                                                                |
|------------|--------------------------------------------------------------------------------|
| Casing:    | Plastic                                                                        |
| Impeller:  | Plastic                                                                        |
| Bearing:   | Ball bearing                                                                   |
| Lead Wire: | Vcc: Red<br>GND: Black                                                         |
| Option:    | Tacho signal: Blue<br>2 pulse/rotation, open drain<br>PWM speed control: White |

## ■ PQ characteristic curves



## ■ Typical characteristics

| Model     | Rating voltage<br>(V) | Operating voltage<br>(V) | Current<br>(A)*1 | Input power<br>(W)*1 | Speed<br>(min <sup>-1</sup> )*1 | Max.volume flow rate<br>(m³/min)*1 | Max.static pressure<br>(Pa)*1 | Acoustic noise<br>(dB)*1,*2 |
|-----------|-----------------------|--------------------------|------------------|----------------------|---------------------------------|------------------------------------|-------------------------------|-----------------------------|
| BLOM4015D | 12                    | 9 ~ 16                   | 0.40             | 4.80                 | 4500                            | (2.18)                             | (77.0)                        | (98.0)                      |

BLOM4015D-A01: Without potting; BLOM4015D-A02: With potting

Rotation: clockwise as seen from label side

Airflow Outlet : Label side

\*1: Typical values in free air. It is the reference value, not guaranteed value.

\*2: Measured by microphone distance 1m.

08. Oct. 2024