

DC Axial Fan

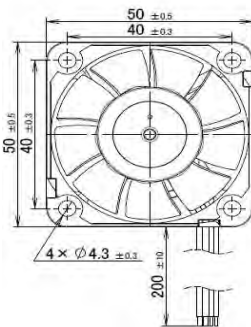


General specifications

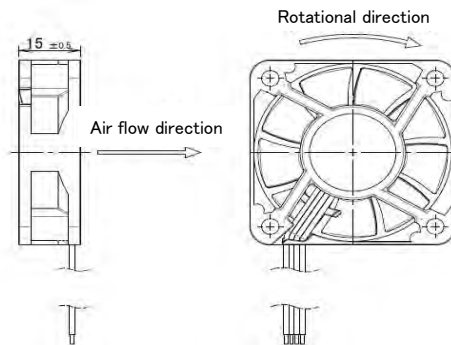
- Motor protection: Auto restart
- Insulation resistance: DC500V
10M Ω or over with a DC500V Megger:
- Dielectric withstand voltage: AC700V 1s
- Allowable ambient temperature range: Operating -40°C~+105°C
Storage -40°C~+105°C

Outline

(Inlet side)



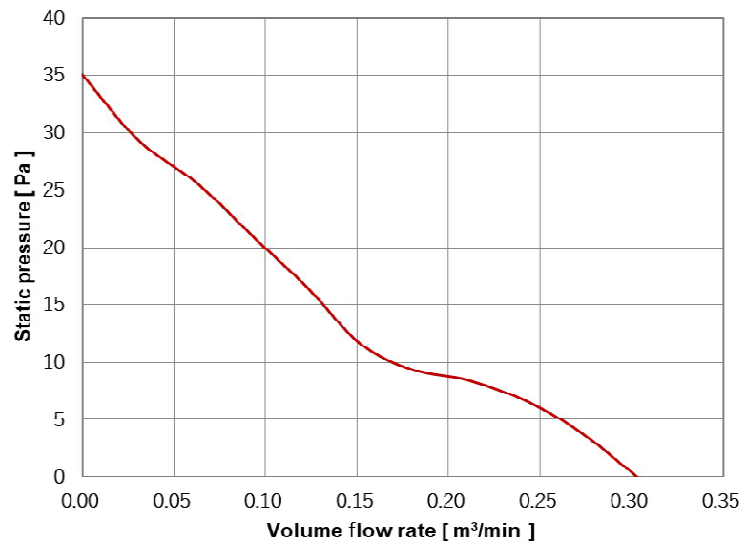
(Outlet side)



Material

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

PQ characteristic curves



Typical characteristics

Model	Rating voltage	Operating voltage	Current	Input power	Speed	Max.volume flow rate	Max.static pressure		Acoustic noise
	(V)	(V)	(A)*1	(W)*1	(min ⁻¹)*1	(m³/min)*1 (CFM)*1	(Pa)*1	(In H ₂ O)	(dB)*1,*2
BLOM2510D-A21	5.0	4.5 ~ 5.5	0.13	0.68	5000	(0.31) (10.95)	(36.1)	(0.14)	Typ 32
BLOM2510D-A22	13.5	9 ~ 16	0.05	0.68	5000	(0.31) (10.95)	(36.1)	(0.14)	Typ 32

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