

DC axial fan

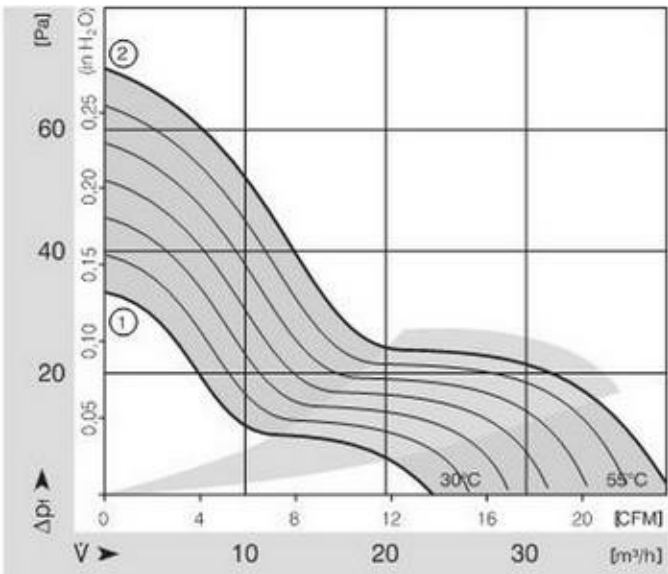
Series 600 N VARIOFAN 60 x 60 x 25



- **General description:** DC fan with electronically commutated external rotor motor. Commutation electronics completely integrated. Speed control using temperature sensor.
- **Impeller material:** Fiberglass-reinforced PA plastic
- **Housing material:** Fiberglass-reinforced PBTP plastic

Nominal data		Voltage		Voltage range VDC	Air flow	Speed	Power consumption	Sound level	Sound pressure level	Ambient temperature	L10 service life at 40 °C	L10 service life at max. temp.	Weight
Type	Motor	VDC	VDC	m³/h	1/min	W	Bel	dB(A)	°C	h	h	kg	
612 NGNI	--	12	8 - 12.6	41	5100	2.4	5.0	35	-20 .. 65	70000	40000	0.066	
Subject to modification													

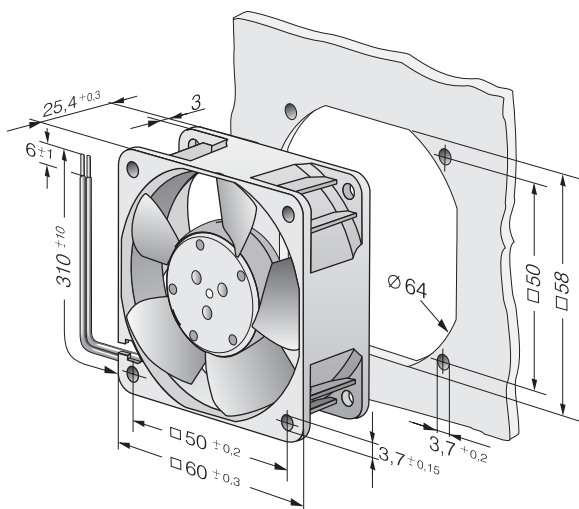
Characteristic: Pressure over air flow



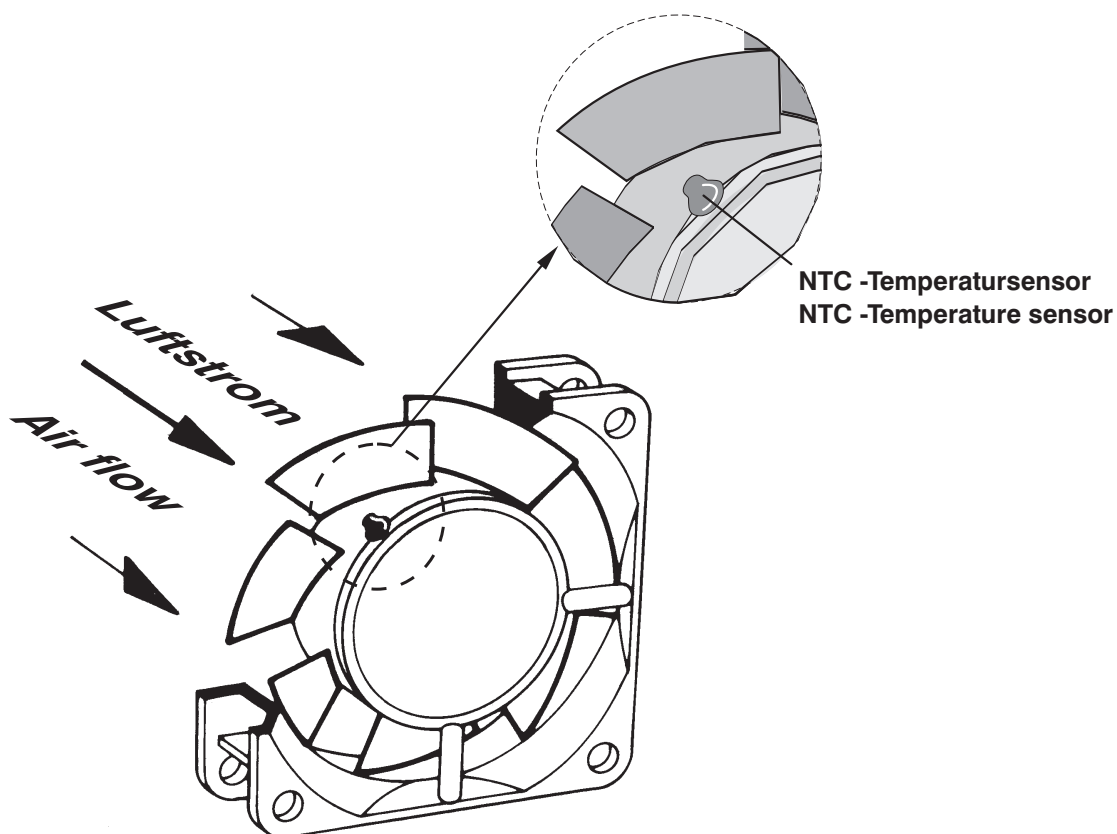
DC axial fan

Series 600 N VARIOFAN 60 x 60 x 25

Specific drawing



Specific drawing



DC axial fan

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Technical description

- **General description:** DC fan with electronically commutated external rotor motor. Commutation electronics completely integrated. Speed control using temperature sensor.
- **Housing material:** Fiberglass-reinforced PBTP plastic
- **Direction of rotation:** Right, looking at rotor
- **Electrical connection:** 2 single strands AWG 22, TR 64
- **Approvals:** VDE, CSA, UL, CE
- **Impeller material:** Fiberglass-reinforced PA plastic
- **Bearings:** Sintec sleeve bearing system
- **Direction of air flow:** Air exhaust over bars
- **Motor protection:** With electronic reverse polarity protection. The fan runs only if the polarity is correct.

Contact

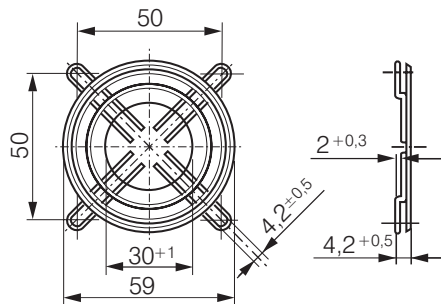
ebm-papst St. Georgen GmbH & Co. KG

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Guard grille

Order No.

LZ28-1



Technical description

- **General description:** Guard grille in accordance with EN 294

- **Material:** Rust-protected steel wire

Contact

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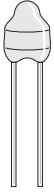
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Temperature sensor

Order No.

LZ370



Benötigte Grenzwerte:
Required performance data:

R_{25}	= 100 K Ω $\pm$ 5%
B_{Wert} value	= 4190 $\pm$ 2%
P_{max}	= 0,25 W

Technical description

- **General description:** Temperature sensor for speed-controlled fan operation. Temperature range 30 to 50 °C

- **Note:** In addition to the accessories and mounting parts listed here, ebm-papst supplies a wide variety of other resources for fan operation, some of which are very specialized. The sales experts at ebm-papst will be happy to assist you in your inquiries concerning fan assembly and application.

Contact

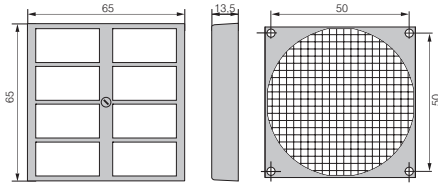
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Filter guard grille

Order No.

FF60



Technical description

- **General description:** Filter guard grille, consisting of 3 parts: the outer grille barrier, the inner fastening plate and the replaceable filter mat. A quick-release on the grille barrier allows for quick and easy filter mat changes.

- **Material:** Grille barrier molded of polycarbonate (PC) with matte surface. Wire-mesh fastening plate, black powder coating.

Contact

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