

DC centrifugal fan

Series RER 101 101 Ø x 52 mm



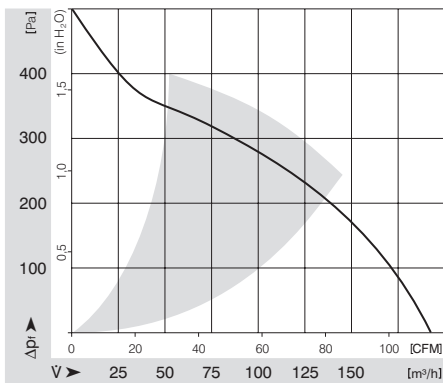
- **General description:** DC centrifugal fan with electronically commutated external rotor motor. With integrated, programmable motor and drive electronics
- **Impeller material:** Fiberglass-reinforced plastic
- **Bearings:** Ball bearings

Nominal data		Voltage	Voltage range VDC	Air flow	Speed	Power consumption	Sound 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	°C	h	h	kg
RER 101-36/12 NHH	--	12	9 - 13.6	190	6100	23.0	7.4	-20 .. 70	60000	30000	0.305

Subject to modification

Flow rates and noise levels of centrifugal fans without external housing depend on installation circumstances. The air flow and noise level values specified here were measured under the following conditions: Centrifugal fan installation on a mounting base of 148 x 14

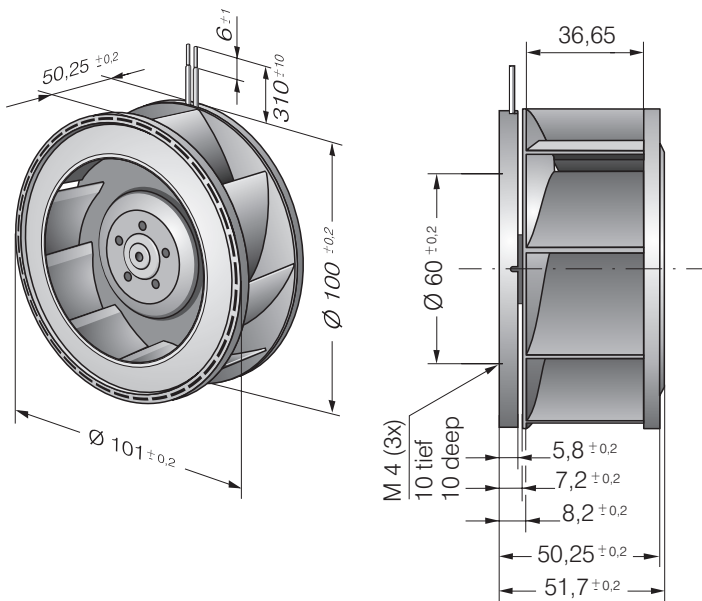
Characteristic: Pressure over air flow



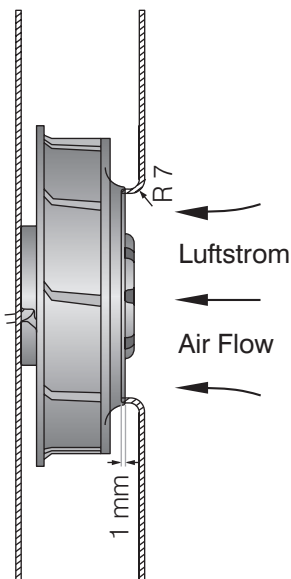
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Specific drawing



Specific drawing



Technical description

- **General description:** DC centrifugal fan with electronically commutated external rotor motor. With integrated, programmable motor and drive electronics
- **Bearings:** Ball bearings
- **Direction of flow:** Centrifugal
- **Motor protection:** With electronic reverse polarity protection. The fan runs only if the polarity is correct.
- **Approvals:** CE

- **Impeller material:** Fiberglass-reinforced plastic
- **Direction of rotation:** Right, looking at rotor
- **Electrical connection:** 2 single strands AWG 22, TR 64
- **Blocking protection:** With electronic blocking and overload protection
- **Option:** 24 V DC and 48 V DC on request.

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Contact

ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Straße 1

D-78112 St. Georgen

Phone +49 (0) 7724 / 81-0

Fax +49 (0) 7724 / 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com