

# DC centrifugal fan

Series RER 160 N 165 Ø x 54



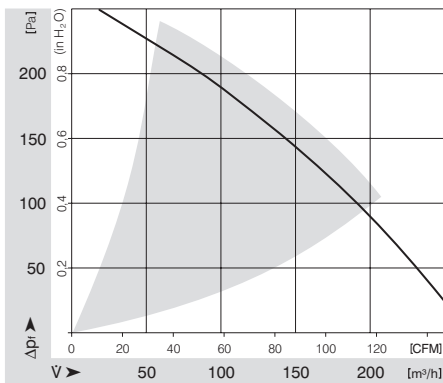
- **General description:** DC centrifugal fan with electronically commutated external rotor motor. Commutation electronics completely integrated. Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

- **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 160-28/12 N	--	12	7 - 14	225	3000	19.0	6.4	-20 .. 70	75000	35000	0.590
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: Radial fan installed on a mounting base of 260 x 260 mm. Cover plate 260 x 260 mm, with an air-inlet of Ø 100 mm.									

## Characteristic: Pressure over air flow



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Specific drawing

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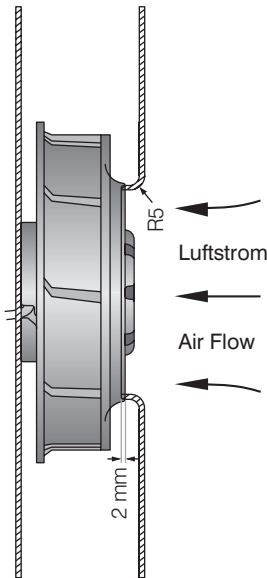
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## Specific drawing



## Technical description

- **General description:** DC centrifugal fan with electronically commutated external rotor motor. Commutation electronics completely integrated. Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- **Bearings:** Ball bearings
- **Direction of air flow:** Centrifugal
- **Motor protection:** With electronic reverse polarity protection and overload protection
- **Option:** Speed signal
- **Impeller material:** Fiberglass-reinforced plastic
- **Direction of rotation:** Left, looking at rotor
- **Electrical connection:** 2 single strands AWG 22, TR 64
- **Approvals:** VDE, CSA, UL, CE

## Contact

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