

max. 190 m<sup>3</sup>/h

# DC centrifugal fans

Series RER 101 101 Ø x 52 mm



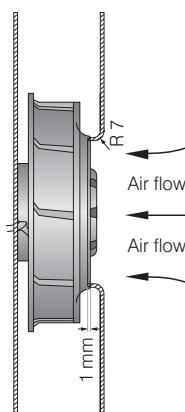
## Highlights:

- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- Backward curved impeller.

## General characteristics:

- Fibreglass-reinforced plastic scroll housing and impeller.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Direction of air flow radial, direction of rotation clockwise, seen on rotor.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Mass: 305 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L <sub>10</sub> (40 °C) ebm-past Standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ebm-past Standard	Life expectancy L <sub>10</sub> Δ (40 °C) see P. 15	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	Bel(A)	□ / ■	Watts	RPM	°C	Hours	Hours	P. 116		
RER 101-36/12NHH		190	111,8	<b>12</b>	9..13,6	7,2	■	20,5	5 900	-20...+70	60 000 / 30 000	120 000	1		
RER 101-36/14NHH		190	111,8	<b>24</b>	18..27,2	7,2	■	20,0	5 900	-20...+70	60 000 / 30 000	120 000	1		
RER 101-36/18NHH		190	111,8	<b>48</b>	43..52	7,2	■	19,0	5 900	-20...+70	60 000 / 30 000	120 000	1 /19		



The air flow and noise level of fans without external housing depends on the installation conditions. The stated air flow and noise levels have been measured under the following conditions:  
Centrifugal fan mounted on a base plate 148 x 148 mm. Cover plate 148 x 148 mm with an air inlet of Ø 66 mm, concentric to the impeller.

