

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

# DC centrifugal fans

Series RER 101 101 Ø x 52 mm



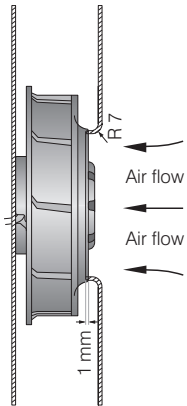
### Highlights:

- 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		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-papst Standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst Standard	Life expectancy L <sub>10</sub> <sup>Δ</sup> (40 °C) see P. 15	Curve	Specials
	m <sup>3</sup> /h	CFM												
RER 101-36/12NHH	190	111,8	12	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	24	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	48	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.

