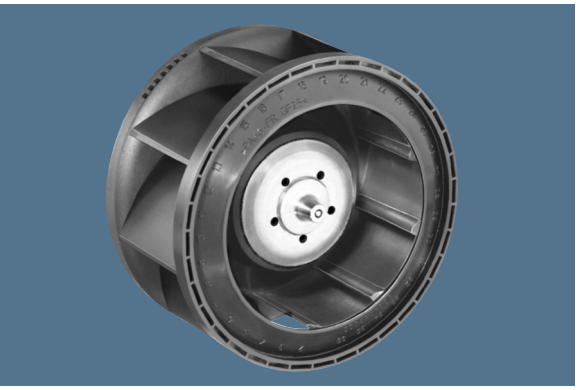
max. 190 m^3/h

DC centrifugal fans

Series RER 101 101 Ø x 52 mm



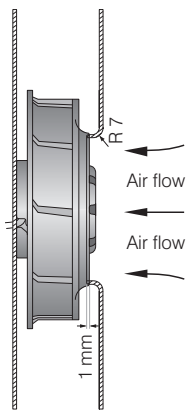
Highlights:

- 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.

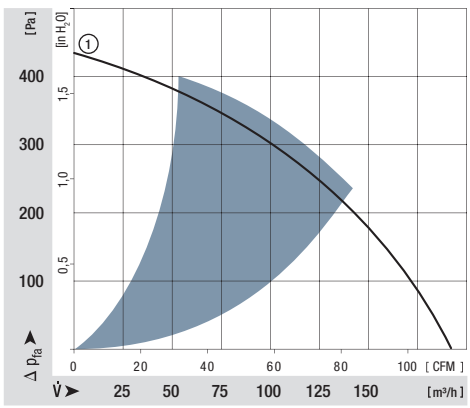
General characteristics:

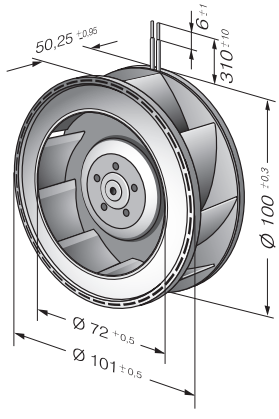
- Fibreglass-reinforced plastic scroll housing and impeller.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Direction of air flow radial, direction of rotation clockwise, seen on rotor.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.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

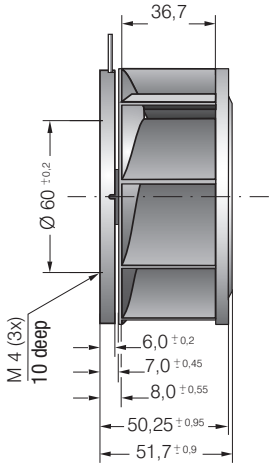
Nominal data	Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sintec sleeve bearings / Ball bearings	Power input	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst Standard	Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy L_{10} (40 °C) see P. 15	Curve	Specials
Type	**m^3/h**	**CFM**	**VDC**	**VDC**	**Bel(A)**	**□/■**	**Watts**	**RPM**	**°C**	**Hours**		**Hours**	**P. 116**	
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.







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