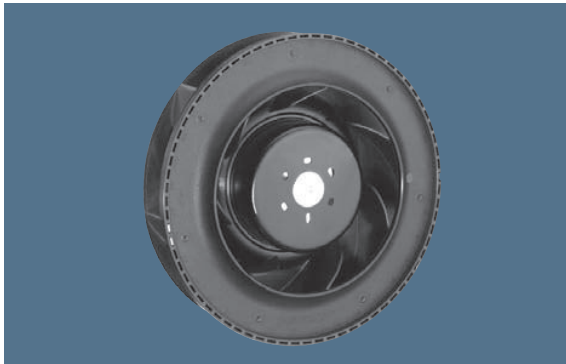


max. 255 m³/h

DC centrifugal fans

Series RER 160 N 165 Ø x 51 mm



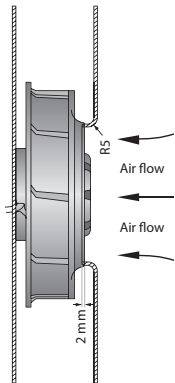
Highlights:

- 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: 590 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 ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L _{10Δ} (40 °C), see P. 15	Curve	Specials
	m ³ /h	CFM				VDC	VDC								
RER 160-28/12 N	255	150,1	12	7...14	6,4	■	■	19,0	3 000	-20...+70	75 000 / 35 000	140 000	1	/12	
RER 160-28/14 N	255	150,1	24	12...28	6,4	■	■	19,0	3 000	-20...+70	75 000 / 35 000	140 000	1		
RER 160-28/18 N	255	150,1	48	28...60	6,4	■	■	19,0	3 000	-20...+70	75 000 / 35 000	140 000	1	/12	



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 260 x 260 mm.
Cover plate 260 x 260 mm with an air inlet of Ø 100 mm, concentric to the impeller.

