

max. 255 m³/h

DC centrifugal fans

Series RER 160 N 165 Ø x 51 mm



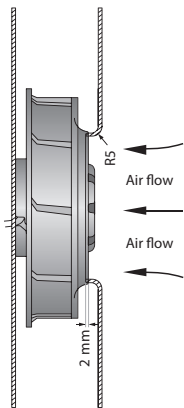
Highlights:

- 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 ₁₀ ^Δ (40 °C) see P. 15 | Curve | Specials |
|-----------------|-------------------|-------|-----------------|---------------|-------------------|---|-------------|---------------|-------------------|--|--|---|-------|----------|
| | m ³ /h | CFM | | | | | | | | | | | | |
| 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.

