

max. 166 m³/h

DC centrifugal fans

Series RER 125 N Ø 138 x 35 mm

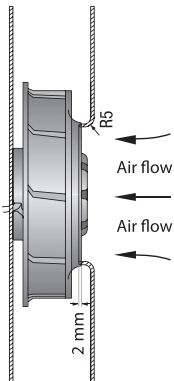


- **Material:** Impeller: GRP¹⁾
 - **Direction of air flow:** Axial: Intake
Centrifugal: Exhaust
 - **Direction of rotation:** Clockwise, seen on rotor
 - **Connection:** Via single wires AWG 22, TR 64
 - **Highlights:** Backwards-curved impeller
 - **Mass:** 320 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analogue control input
 - Protection against moisture
 - Protection against salt fog
 - Type of protection: IP 54 / IP 68

1) Fibreglass-reinforced plastic

| Nominal data | Air flow | | Nominal voltage | Voltage range | Sound power level | Sinter sleeve bearings Ball bearings | Input power | 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 IPC (40 °C) see page 17 | Curve |
|------------------|-------------------|------|-----------------|---------------|-------------------|---|-------------|---------------|-------------------|--|--|--|-------|
| | m ³ /h | CFM | | | | | | | | | | | |
| RER 125-19/12 N | 110 | 64,7 | 12 | 7...15 | 5,7 | ■ | 4,6 | 2 650 | -30...+75 | 62 500 / 27 500 | 105 000 | 105 000 | ① |
| RER 125-19/14 N | 110 | 64,7 | 24 | 12...28 | 5,7 | ■ | 4,3 | 2 650 | -30...+75 | 62 500 / 27 500 | 105 000 | 105 000 | ① |
| RER 125-19/14 NH | 166 | 97,7 | 24 | 12...28 | 7,0 | ■ | 13,0 | 4 000 | -20...+70 | 55 000 / 27 500 | 92 500 | 92 500 | ② |
| RER 125-19/18 N | 110 | 64,7 | 48 | 36...56 | 5,7 | ■ | 4,2 | 2 650 | -30...+75 | 62 500 / 27 500 | 105 000 | 105 000 | ① |

Subject to alternations



The air flow and noise level of the centrifugal fans without external housing depend on their individual installation conditions. The stated air flow and noise level were recorded under the following measurement parameters:
Centrifugal fan mounted on a foundation plate 120 x 120 mm.
Cover plate 120 x 120 mm, with an air inlet opening Ø 86 mm, arranged concentrically to the impeller.

