

max. 255 m<sup>3</sup>/h

# DC centrifugal fans

Series RER 160 N Ø 165 x 51 mm

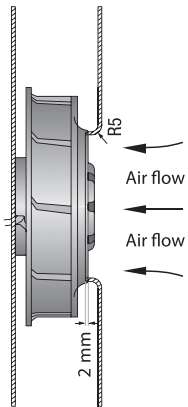


- **Material:** Impeller: GRP<sup>1)</sup>
  - **Direction of air flow:** Axial: Intake  
Centrifugal: Exhaust
  - **Direction of rotation:** Counter-clockwise, seen on rotor
  - **Connection:** Via single wires AWG 22, TR 64
  - **Highlights:** Backwards-curved impeller
  - **Mass:** 590 g
- **Possible 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

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 <sub>10</sub> (40 °C) ebm-papst Standard	Service life L <sub>10</sub> (T max) ebm-papst Standard	Life expectancy L <sub>10</sub> IPC (40 °C) see page 17	Curve
	m <sup>3</sup> /h	CFM											
RER 160-28/12 N	255	150	12	7...14	6,4	■	19,0	3 000	-20...+70	75 000 / 37 500	127 500	①	
RER 160-28/14 N	255	150	24	12...28	6,4	■	19,0	3 000	-20...+70	75 000 / 37 500	127 500	①	
RER 160-28/18 N	255	150	48	28...60	6,4	■	19,0	3 000	-20...+70	75 000 / 37 500	127 500	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 260 x 260 mm.  
Cover plate 260 x 260 mm, with an air inlet opening Ø 100 mm, arranged concentrically to the impeller.

