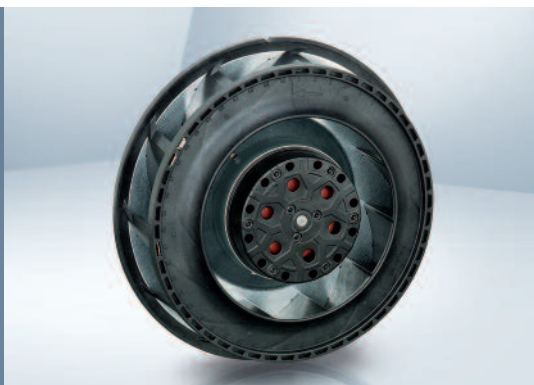Max. **274** m³/h

AC centrifugal fans
Ø 176 x 54 mm

– **Material:** Scroll housing: GRP[1] (PBT)
Impeller: GRP[1] (PA)
with sheet steel reinforced
– **Direction of air flow:** centrifugal
– **Direction of rotation:** Counterclockwise,
looking towards rotor
– **Connection:** To 2 single wires AWG 18.
– **Highlights:** Backward-curved impeller
– **Weight:** 1.0 kg

– **Possible special versions:**
(See page 12)
- Moisture protection

1) Fiberglass-reinforced plastic

Series RER 160 Nominal data	Air flow	Air flow	Nominal voltage	Frequency	Sound power level	Sintec sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L_{10} at 40 °C	at T_{max}	Curve
Type	m³/h	cfm	VAC	Hz	Bel(A)	▢ / ▪	Watts	rpm⁻¹	°C	Hours	Hours	
RER 160-28/56S	234	138	**230**	**50**	6.6	▪	45.0	2 800	-30...+60	30 000 / 20 000		①
RER 160-28/06S	274	161	**115**	**60**	6.8	▪	46.0	3 250	-30...+70	30 000 / 15 000		②

Subject to change
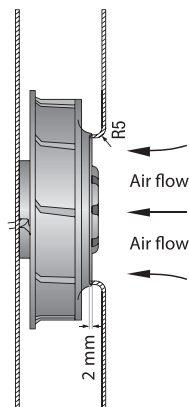
The air flow and sound level of the centrifugal fans without external housing depend on their individual installation conditions. The stated air flow and noise levels have been measured under the following conditions:

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.
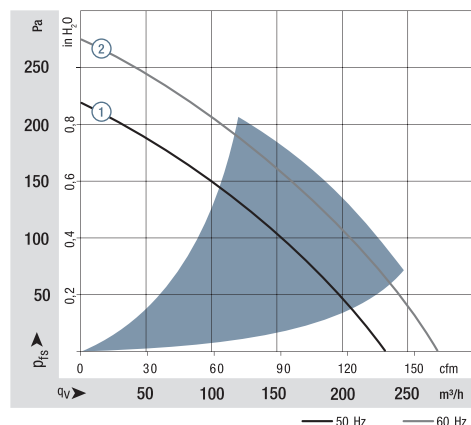
Air performance measured according to: ISO 5801.
Installation category A, with ebm-papst inlet ring without contact protection.
Noise: Total sound power level L_WA ISO 103002 measured on a hemisphere with a distance of 2 m.
Sound pressure level L_pA measured at 1 m distance from fan axis.
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.
In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see
http://www.ebmpapst.com/general conditions

Tin-plated

ebm**papst**

Finger guards
from p. 242

Inlet rings
from p. 252

Information

DC axial fans

DC centrifugal fans

DC fans - specials

ACmaxx / EC fans

AC axial fans

AC centrifugal fans

Accessories

Representatives