Max. 54 m³/h

AC centrifugal fans

☐ 135 x 38 mm



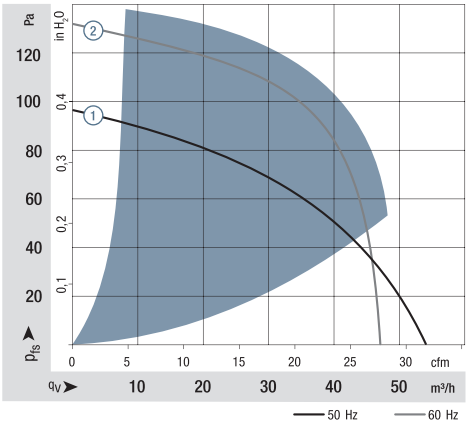
- **Material:** Scroll housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
  Housing base: Sheet steel
- **Direction of air flow:** Centrifugal: discharge through window in housing
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** To 2 single wires AWG 22.
- **Highlights:** Forward-curved impeller
- **Weight:** 560 g

- **Possible special versions:**
  (See page 10)
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

Series RG 90 VHS0090XQHCS **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**	
RG 90-18/50	54	32	**230**	**50**	5.8	□	22.0	2 200	-30...+60	35 000 / 22 500		①
RG 90-18/56	54	32	**230**	**50**	5.8	■	22.0	2 200	-30...+60	35 000 / 22 500		①
RG 90-18/00	47	28	**115**	**60**	6.2	□	22.0	1 900	-30...+65	35 000 / 20 000		②
RG 90-18/06	47	28	**115**	**60**	6.2	■	22.0	1 900	-30...+65	35 000 / 20 000		②

Subject to change



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 10302 measured on a hemisphere with a radius 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

