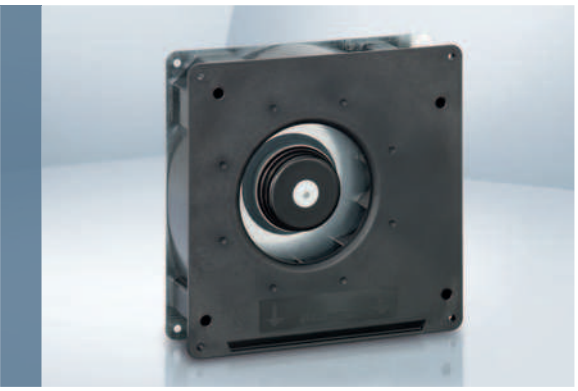
Max. 137 m³/h

DC centrifugal fans

☐ 180 x 40 mm



- **Material:** Scroll housing: GRP[1)]
  Impeller: GRP[1)]
  Base plate: Sheet steel
- **Direction of air flow:** Axial: Intake,
  Centrifugal: Exhaust
- **Connection:** Via single wires AWG 22, TR 64
  48 V model: Flat plug
  6.3 x 0.8 mm for ground conductor
- **Highlights:** Backward-curved impeller
- **Weight:** 730 g

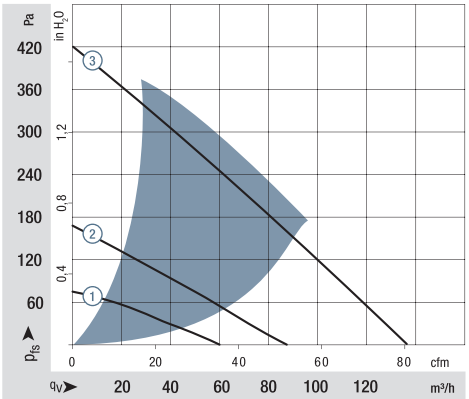
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 68

1) Fiberglass-reinforced plastic

Series RG 125 N
VCS0125XUJBS

Nominal data	Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sintec sleeve bearings / Ball bearings	Power consumption	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_{10IPC} (40 °C) see page 15	Curve
Type	**m³/h**	**cfm**	**VDC**	**VDC**	**Bel(A)**	**□/■**	**Watts**	**rpm⁻¹**	**°C**	**Hours**	**Hours**	
RG 125-19/12 NM	60.0	35.3	**12**	7...15	4.8	■	2.0	1 750	-30...+75	70 000 / 30 000	117 500	①
RG 125-19/12 N	87.5	51.5	**12**	7...15	5.8	■	5.2	2 550	-30...+75	62 500 / 27 500	105 000	②
RG 125-19/14 NM	60.0	35.3	**24**	12...28	4.8	■	2.0	1 750	-30...+75	70 000 / 30 000	117 500	①
RG 125-19/14 N	87.5	51.5	**24**	12...28	5.8	■	4.9	2 550	-30...+75	62 500 / 27 500	105 000	②
RG 125-19/18 N	87.5	51.5	**48**	36...56	5.8	■	4.8	2 550	-30...+75	62 500 / 27 500	105 000	②
RG 125-19/18 NH	137	80.6	**48**	36...56	7.0	■	19.0	4 000	-20...+70	55 000 / 27 500	92 500	③

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

