

Max. 28 m³/h

DC centrifugal fans

□ 76 x 27 mm

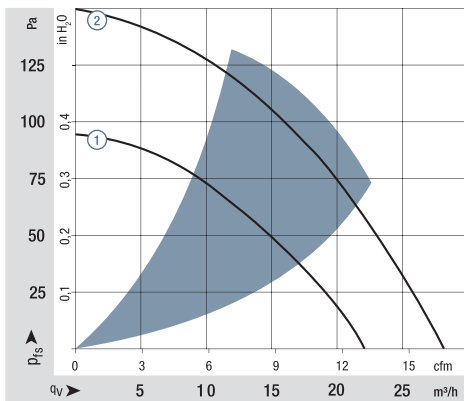


- **Material:** Scroll housing: GRP¹⁾
Impeller: GRP¹⁾
 - **Direction of air flow:** Axial: Intake,
Centrifugal: Exhaust
 - **Connection:** via single wires AWG 26, TR 64
 - **Highlights:** Forward-curved impeller
 - **Weight:** 75 g
- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go- / NoGo alarm
 - Alarm with speed limit
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Moisture protection

1) Fiberglass-reinforced plastic

| Nominal data | Air flow | | Nominal voltage | Voltage range | | Sound power level | Sinter 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 ₁₀ IPC (40 °C) see page 15 | Curve |
|------------------------------|-------------------|------|-----------------|---------------|-----|-------------------|---|-------------------|---------------|-------------------|--|--|--|-------|
| | m ³ /h | cfm | | VDC | VDC | | | | | | | | | |
| Series RL 48 VHS0048XUEBS | | | | | | | | | | | | | | |
| RL 48-19/12 ML | 22 | 12.9 | 12 | 8...15 | 5.3 | ■ | 5.0 | 3 500 | -20...+70 | 70 000 / 35 000 | 117 500 | ① | | |
| RL 48-19/12 | 28 | 16.5 | 12 | 8...13.5 | 5.7 | ■ | 4.6 | 4 400 | -20...+70 | 60 000 / 30 000 | 102 500 | ② | | |
| RL 48-19/14 ML | 22 | 12.9 | 24 | 18...28 | 5.3 | ■ | 5.0 | 3 500 | -20...+70 | 70 000 / 35 000 | 117 500 | ① | | |
| RL 48-19/14 | 28 | 16.5 | 24 | 18...26.4 | 5.7 | ■ | 4.4 | 4 400 | -20...+70 | 60 000 / 30 000 | 102 500 | ② | | |
| RL 48-19/18 R-016 | 27 | 15.8 | 48 | 36...56 | 5.7 | ■ | 4.6 | 4 400 | -32...+70 | 60 000 / 30 000 | 102 500 | ② | | |

Subject to change



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_w 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>

