

max. 61 m<sup>3</sup>/h

# DC centrifugal fans

Series RL 65 97 x 93,5 x 33 mm



### Highlights:

- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- Pressure-optimised blower. Noise-optimised air outlet in scroll housing.
- Forward curved impeller.
- Integrated snap-in fins for easy assembly.

### General characteristics:

- Fibreglass-reinforced plastic scroll housing and impeller.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Direction of air flow: axial air intake, centrifugal air exhaust out of the outlet.
- Connection via single strands AWG 26, TR 64. Bared and tin-plated.
- Mass: 170 g.

| Nominal data | Air flow          |      | Nominal voltage | Voltage range | Sound power level | Sinter sleeve bearings<br>Ball bearings | Power input | Nominal speed | Temperature range | Service life L <sub>10</sub> (40 °C)<br>ebm-papst Standard | Service life L <sub>10</sub> (T <sub>max</sub> )<br>ebm-papst Standard | Life expectancy L <sub>10</sub> <sup>Δ</sup><br>(40 °C) see P. 15 | Curve | Specials |
|--------------|-------------------|------|-----------------|---------------|-------------------|---|-------------|---------------|-------------------|--|--|---|-------|----------|
|              | m <sup>3</sup> /h | CFM  |                 |               |                   |   |             |               |                   |  |  |   |       |          |
| RL 65-21/12  | 56                | 33,0 | 12              | 6,8...13,8    | 6,6               | ■                                       | 15,0        | 4 500         | -20...+70         | 60 000 / 30 000  | 120 000  | 1   | /2    |          |
| RL 65-21/12H | 61                | 35,9 | 12              | 6,8...13,2    | 6,8               | ■                                       | 19,2        | 4 900         | -20...+55         | 55 000 / 37 500  | 105 000  | 2   |       |          |
| RL 65-21/14  | 56                | 33,0 | 24              | 12...26,4     | 6,6               | ■                                       | 14,0        | 4 500         | -20...+70         | 60 000 / 30 000  | 120 000  | 1   |       |          |
| RL 65-21/14H | 61                | 35,9 | 24              | 12...26,4     | 6,8               | ■                                       | 18,0        | 4 900         | -20...+60         | 55 000 / 35 000  | 105 000  | 2   |       |          |

Snap-in fins for easy assembly

