max. 9,6 m³/h

DC centrifugal fans

Series RLF 35 51 x 51 x 15 mm



Highlights:

- Noise-optimised air outlet in scroll housing.
- Very flat and powerful centrifugal fan.
- Forward curved impeller.

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: 40 g.

| Nominal data | Air flow | Air flow | Nominal voltage | Voltage range | Sound power level | Sintec sleeve bearings Ball bearings | Power input | Nominal speed | Temperature range | Service life L ₁₀ (40 °C) ebm-papst Standard Service life L ₁₀ (T _{max}) ebm-papst Standard | Life expectancy $L_{10}\Delta$ (40 °C) see P. 15 | Curve | Specials |
|---------------|-------------------|----------|-----------------|---------------|-------------------|---|-------------|---------------|-------------------|--|--|-------|----------|
| Туре | m ³ /h | CFM | VDC | VDC | Bel(A) | ■/■ | Watts | RPM | °C | Hours | Hours | | |
| RLF 35-8/12 N | 9,6 | 5,7 | 12 | 813,2 | 5,5 | - | 3,5 | 6 700 | -20+70 | 60 000 / 30 000 | 120 000 | 1 | |
| | | | | | | | | | | | | | |
| RLF 35-8/14 N | 9,6 | 5,7 | 24 | 1428 | 5,5 | | 4,3 | 6 700 | -20+70 | 60 000 / 30 000 | 120 000 | 1 | |
| | | | | | | | | | | | | | |







