

# AC Radial Fans

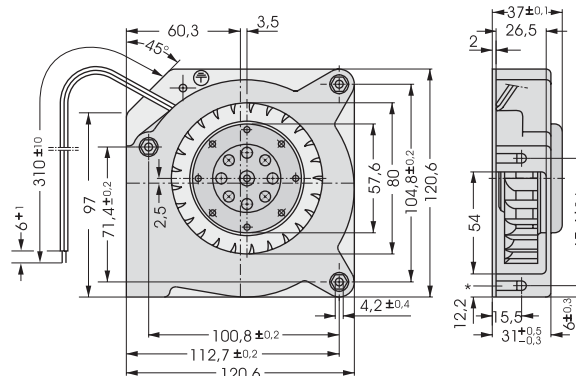
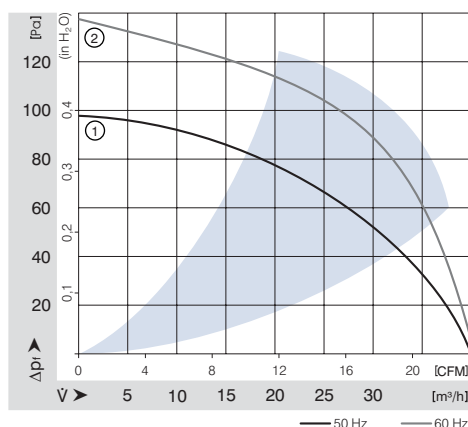
Series RL 90 121 x 121 x 37 mm



- AC radial blower with external rotor shaded-pole motor. Impedance protected against overloading.
- Spiral housing and blower wheel of fibreglass-reinforced plastic. Housing base of galvanised steel plate.
- Air exhaust radial, through housing port. Rotational direction CW looking at rotor.
- Electrical connection via 2 leads. Stripped and tinned ends.
- Mass: 680 g.

| Nominal Data |  | Air Flow | Air Flow | Nominal Voltage | Frequency | Noise | Sinter-Sleeve Bearings | Power Input | Nominal Speed     | Temperature Range | Service Life L <sub>10</sub><br>at 40 °C | at T <sub>max</sub> | Curve |
|--------------|--|----------|----------|-----------------|-----------|-------|------------------------|-------------|-------------------|-------------------|------------------------------------------|---------------------|-------|
| Type         |  | m³/h     | CFM      | V               | Hz        | Bel   | □ / ■                  | Watt        | min <sup>-1</sup> | °C                | Hours                                    | Hours               |       |
| RL 90-18/50  |  | 40       | 23.5     | 230             | 50        | 5.6   | □                      | 20.0        | 2 450             | -10...+50         | 37 500 / 30 000                          |                     | 1     |
| RL 90-18/56  |  | 40       | 23.5     | 230             | 50        | 5.6   | ■                      | 20.0        | 2 450             | -30...+70         | 37 500 / 20 000                          |                     | 1     |
| RL 90-18/00  |  | 42       | 24.7     | 115             | 60        | 6.0   | □                      | 19.5        | 2 550             | -10...+60         | 37 500 / 25 000                          |                     | 2     |
| RL 90-18/06  |  | 42       | 24.7     | 115             | 60        | 6.0   | ■                      | 19.5        | 2 550             | -30...+85         | 37 500 / 15 000                          |                     | 2     |

| Fan Type    |             | Lead Wires    |
|-------------|-------------|---------------|
| RL 90-18/50 | RL 90-18/00 | AWG 18, TR 32 |
| RL 90-18/56 | RL 90-18/06 | AWG 22        |



\*Speed nut M4 or 8-32UNC. Screw- in depth max, 12.5 min 9,0