

RL 90-18/00

AC centrifugal compact fan

single inlet



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Nominal data

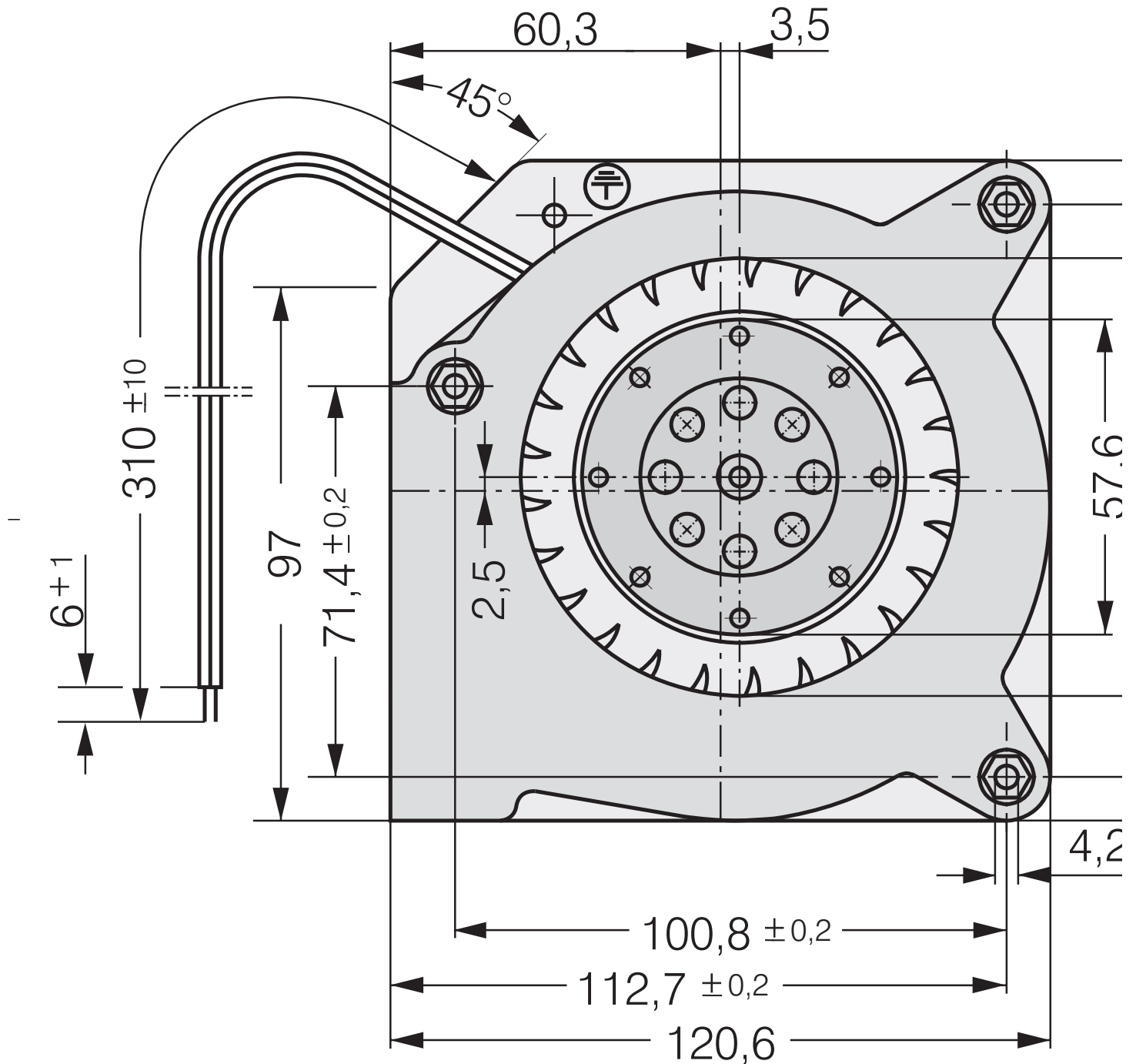
| Type | RL 90-18/00 | |
|--------------------------|----------------------|------|
| Nominal voltage | [VAC] | 115 |
| Frequency | [Hz] | 60 |
| Speed | [min ⁻¹] | 2550 |
| Power input | [W] | 19.5 |
| Min. ambient temperature | [°C] | -10 |
| Max. ambient temperature | [°C] | 60 |
| Air flow | [m ³ /h] | 42 |
| Sound power level | [B] | 6.0 |

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Technical features

| | |
|--|---|
| Dimensions | 121 x 121 x 37 mm |
| General description | AC fan with external rotor shaded-pole motor. Housing base with flat plug 6.3 x 0.8 mm for ground line. |
| Connection line | 2 single strands AWG 18, TR 32 |
| Direction of protection | Right, looking at rotor |
| Direction of air flow | Centrifugal, air exhaust out of housing window |
| Bearing | Sintec sleeve bearing system |
| Lifetime L10 at 40 °C | 37500 h |
| Lifetime L10 at maximum temperature | 25000 h |
| Mass | 0.680 kg |
| Housing material | Spiral housing of fiberglass-reinforced plastic, housing base of galvanized sheet steel. |
| Material of impeller | Fiberglass-reinforced plastic |
| Motor protection | Protected from overload using impedance protection |
| Approval | VDE, CSA, UL, CE |

Product drawing



*Federmutter M4 oder 8-32UNC. Ein Speed nut M4 or 8-32UNC. Screw-i

Charts: Air flow

