# AC axial compact fan

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## Nominal data

| Type | 8500 TA | |
|---|---|---|
| Phase | | 1~ |
| Nominal voltage | VAC | 115 |
| Frequency | Hz | 60 |
| Speed (rpm) | $min^{-1}$ | 3150 |
| Power consumption | W | 11.0 |
| Min. ambient temperature | °C | -10 |
| Max. ambient temperature | °C | 75 |
| Air flow | $m^3/h$ | 45 |
| Sound pressure level | dB(A) | 30 |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

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## Technical description

| | |
|---|---|
| **Weight** | 0.370 kg |
| **Dimensions** | Ø 76 x 37 mm |
| **Impeller material** | Metal |
| **Airflow direction** | Intake over mounting bracket. |
| **Direction of rotation** | Clockwise, viewed toward rotor |
| **Storage** | Sintec sleeve bearing system |
| **Service life L10 at 40 °C** | 55000 h |
| **Service life L10 at maximum temperature** | 25000 h |
| **Cable** | 2 leads AWG 28, TR 64 |
| **Motor protection** | Protected from overload by impedance protection |
| **Approval** | VDE, CSA, UL, CE |
| **Option** | Air flow rates and noise levels of fans without external housings depend on conditions of installation. The stated air flow was determined with an aperture of Ø 76.5 mm and at a distance of approximately 17 mm from the mounting bracket. Under especially favorable conditions of installation, the air flow of fan series 8000 A is achievable. The noise level in the optimal operating range can only be measured for these fans in a specific application. |



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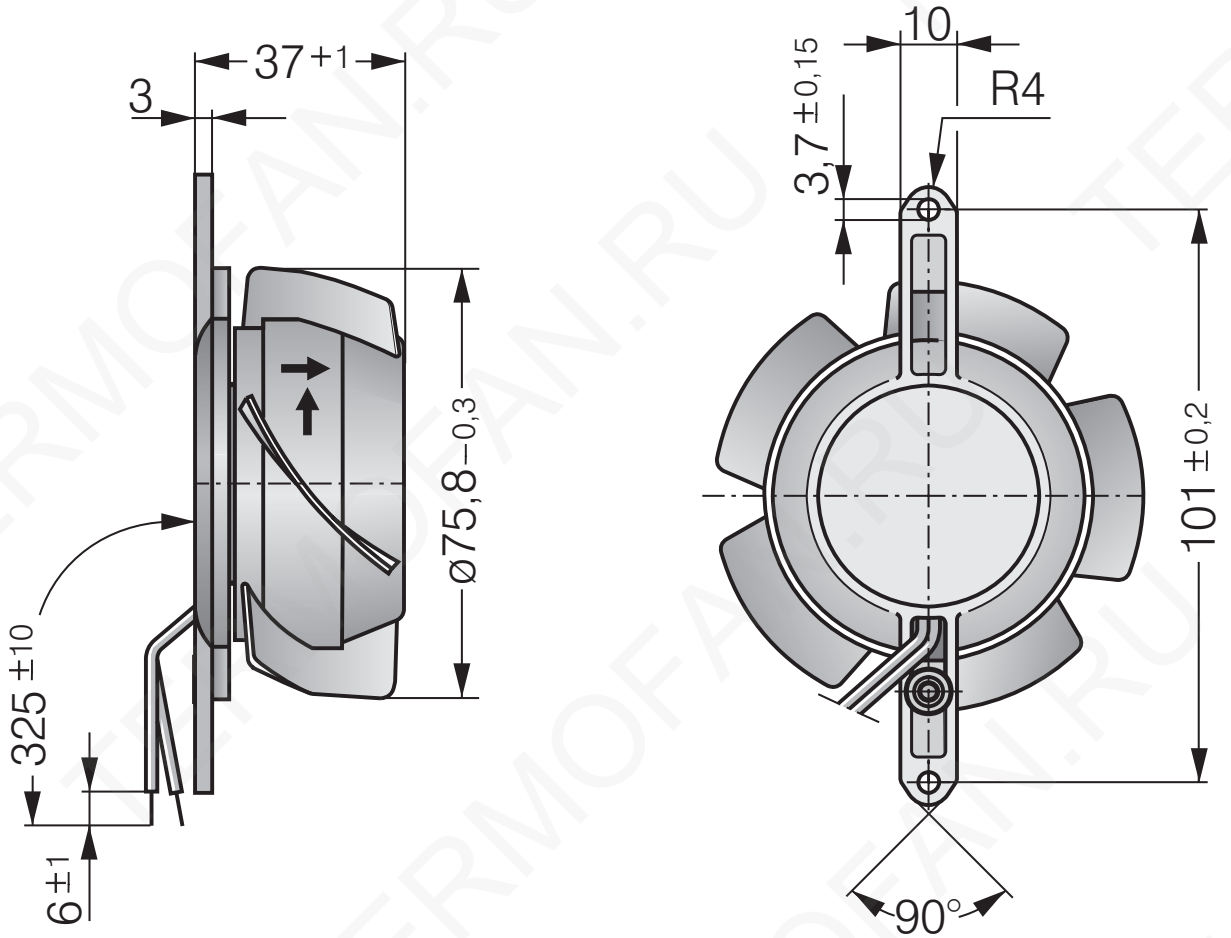
## Product drawing



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