

8550 TA

# AC axial compact fan



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## Nominal data

| Type                     | 8550 TA           |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 230  |
| Frequency                | Hz                | 50   |
| Speed                    | min <sup>-1</sup> | 2650 |
| Power input              | W                 | 12.0 |
| Min. ambient temperature | °C                | -10  |
| Max. ambient temperature | °C                | 70   |
| Air flow                 | m <sup>3</sup> /h | 38   |
| Sound pressure level     | dB(A)             | 25   |

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

### Technical features

|  |   |
|--|---|
| <b>Dimensions</b>                          | 76 Ø x 37 mm  |
| <b>General description</b>                 | AC fan with external rotor shaded-pole motor  |
| <b>Connection line</b>                     | 2 single strands AWG 28, TR 64  |
| <b>Direction of rotation</b>               | Right, looking at rotor   |
| <b>Direction of air flow</b>               | Inlet via mounting bracket.   |
| <b>Note</b>                                | Flow rates and noise levels of fans without external housing depend on installation circumstances. The air flow stated here was determined with an orifice of 76.5 mm Ø and at a distance of approximately 17 mm from the mounting bracket. Under exceptionally favorable mounting conditions, the air flow of fan series 8000 A is achievable. The noise in the optimal operating range can only be measured for these fans in a specific application. |
| <b>Bearing</b>                             | Sintec sleeve bearing system  |
| <b>Lifetime L10 at 40 °C</b>               | 52500 h   |
| <b>Lifetime L10 at maximum temperature</b> | 25000 h   |
| <b>Mass</b>                                | 0.370 kg  |
| <b>Material of impeller</b>                | Metal   |
| <b>Motor protection</b>                    | Protected from overload using impedance protection  |
| <b>Approval</b>                            | VDE, CSA, UL, CE  |

Product drawing

