

4606 N

## AC axial compact fan



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### Nominal data

| Type                     | 4606 N               |      |
|--------------------------|----------------------|------|
| Nominal voltage          | [VAC]                | 115  |
| Frequency                | [Hz]                 | 60   |
| Speed                    | [min <sup>-1</sup> ] | 3100 |
| Power input              | [W]                  | 18,0 |
| Min. ambient temperature | [°C]                 | -40  |
| Max. ambient temperature | [°C]                 | 90   |
| Air flow                 | [m <sup>3</sup> /h]  | 180  |
| Sound power level        | [B]                  | 5,8  |
| Sound pressure level     | [dB(A)]              | 51   |

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>                          | 119 x 119 x 38 mm   |
| <b>General description</b>                 | AC fan with external rotor shaded-pole motor.   |
| <b>Connection line</b>                     | 2 flat plugs 3.0 x 0.5 mm. Housing with grounding lugs for screw M4 and UNC.                          |
| <b>Direction of protection</b>             | Right, looking at rotor   |
| <b>Direction of air flow</b>               | Inlet over bars   |
| <b>Bearing</b>                             | Ball bearings   |
| <b>Lifetime L10 at 40 °C</b>               | 40000 h   |
| <b>Lifetime L10 at maximum temperature</b> | 15000 h   |
| <b>Mass</b>                                | 0.550 kg  |
| <b>Housing material</b>                    | Metal   |
| <b>Material of impeller</b>                | Metal   |
| <b>Motor protection</b>                    | Protected from overload using impedance protection  |
| <b>Option</b>                              | Variants optionally available with reinforced mounting flanges and customizable single-strand wiring. |
| <b>Approval</b>                            | VDE, CSA, UL, CE  |

## Product drawing



Charts: Air flow

