**4580 N**

# AC axial compact fan



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## Nominal data

| Type | 4580 N | |
|---|---|---|
| Phase | | 1~ |
| Nominal voltage | VAC | 230 |
| Frequency | Hz | 50 |
| Speed | $min^{-1}$ | 2350 |
| Power input | W | 18.0 |
| Min. ambient temperature | °C | -10 |
| Max. ambient temperature | °C | 55 |
| Air flow | $m^3/h$ | 123 |
| Sound power level | B | 5.2 |
| Sound pressure level | dB(A) | 41 |

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

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## Technical features

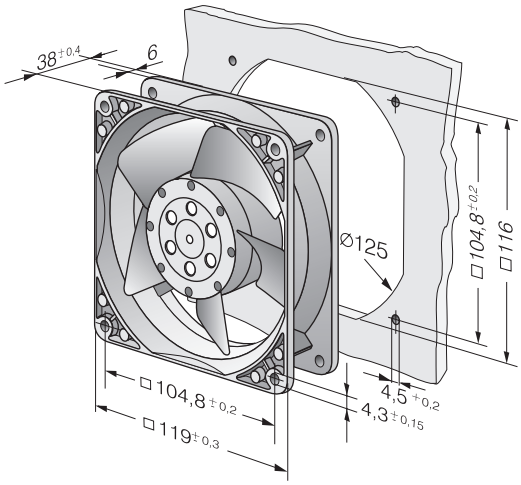
| | |
|---|---|
| **Dimensions** | 119 x 119 x 38 mm |
| **General description** | AC voltage fan with external rotor shaded-pole motor. Protected from overload by impedance protection.<br>Fan housing and fan impeller made of metal.<br>Inlet over bars. Rotational direction clockwise looking at rotor. Types 4890 N and 4840 N air exhaust over bars.<br>Electrical connection to 2 flat plugs 3.0 x 0.5 mm.<br>Impeller with 3 or 5 blades, see note for fan type.<br>Optionally available:<br>variants with reinforced mounting flanges and single strands that are brought out.<br>Fan housing with grounding lugs with M4 and UNC thread.<br>Mass 550 g.<br>Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency. |
| **Connection line** | 2 flat plugs 3.0 x 0.5 mm. Housing with grounding lugs for screw M4 and UNC. |
| **Direction of rotation** | Right, looking at rotor |
| **Direction of air flow** | Inlet over bars |
| **Bearing** | Sintec sleeve bearing system |
| **Lifetime L10 at 40 °C** | 40000 h |
| **Lifetime L10 at maximum temperature** | 27500 h |
| **Mass** | 0.550 kg |
| **Housing material** | Metal |
| **Material of impeller** | Metal |
| **Motor protection** | Protected from overload using impedance protection |
| **Approval** | VDE, CSA, UL, CE |



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## Product drawing

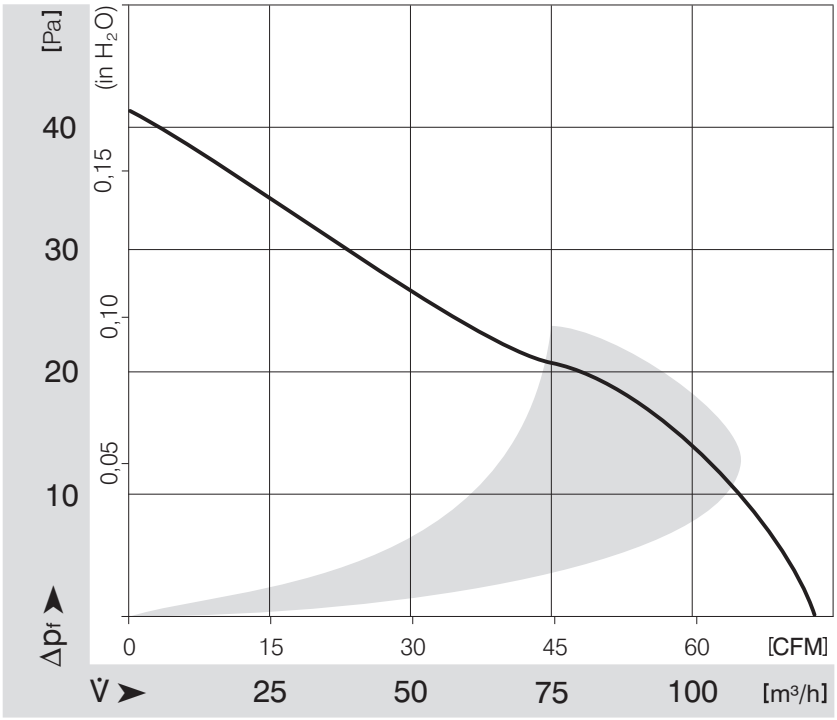





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## Charts: Air flow






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