# EC axial compact fan

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## Nominal data

| Type | ACI 4420 HH | |
|---|---|---|
| Phase | | 1~ |
| Nominal voltage | VAC | 230 |
| Nominal voltage range | VAC | 195 .. 265 |
| Method of obtaining data | | fa |
| Speed (rpm) | $min^{-1}$ | 3300 |
| Power consumption | W | 4.4 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 75 |
| Air flow | $m^3/h$ | 175 |
| Sound power level | B | 5.3 |
| Sound pressure level | dB(A) | 42 |

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

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## Technical description

| | |
|---|---|
| **General description** | Converter electronics and fan electronics fully integrated |
| **Weight** | 0.250 kg |
| **Dimensions** | 119 x 119 x 38 mm |
| **Impeller material** | Glass-fiber reinforced PA plastic |
| **Housing material** | Glass-fiber reinforced PBT plastic |
| **Airflow direction** | Exhaust over struts |
| **Direction of rotation** | Clockwise, viewed toward rotor |
| **Storage** | Ball bearing |
| **Service life L10 at 40 °C** | 65000 h |
| **Service life L10 at maximum temperature** | 25000 h |
| **Cable** | With flat plug 2.8 x 0.5,<br>optionally also with exposed external leads |



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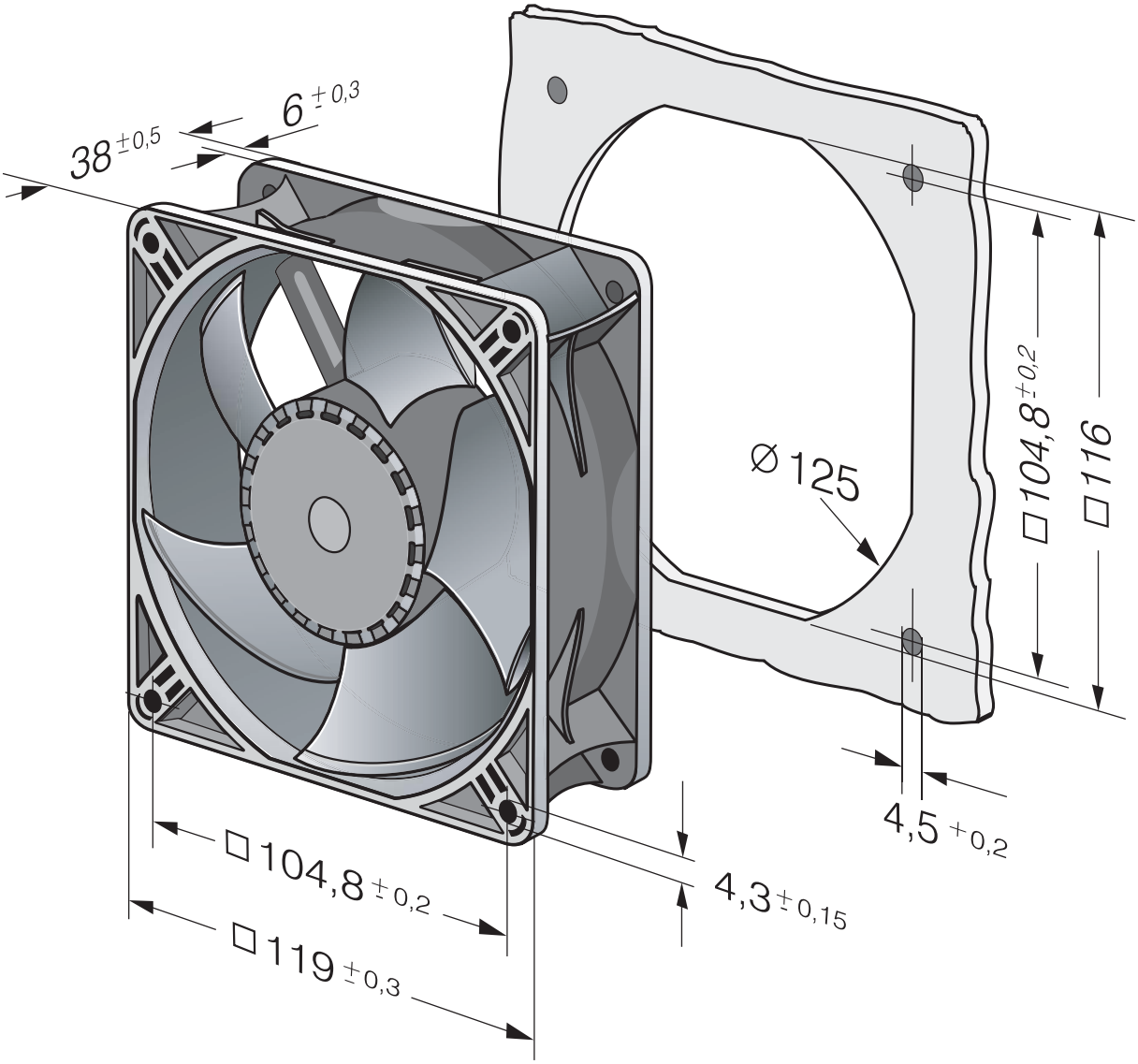
## Product drawing



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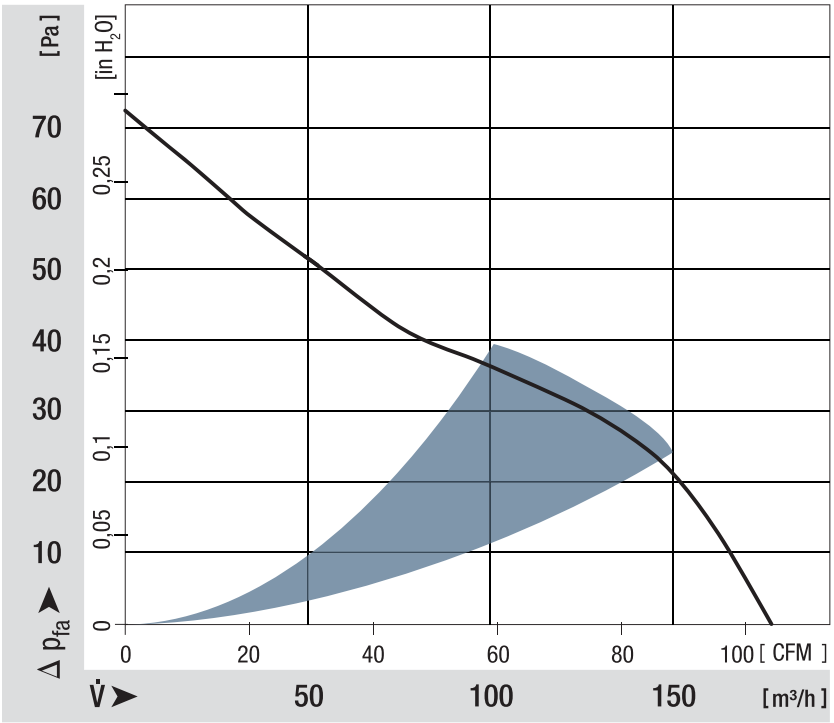
## Curves



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