# DC axial compact fan



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## Nominal data

| Type | 4418 L |
|---|---|

| | | |
|---|---|---|
| Nominal voltage | VDC | 48 |
| Nominal voltage range | VDC | 36 .. 60 |
| Speed (rpm) | $min^{-1}$ | 2700 |
| Power consumption | W | 2.5 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 75 |
| Air flow | $m^3/h$ | 150 |
| Sound power level | B | 5.0 |
| Sound pressure level | dB(A) | 37 |

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

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## Technical description

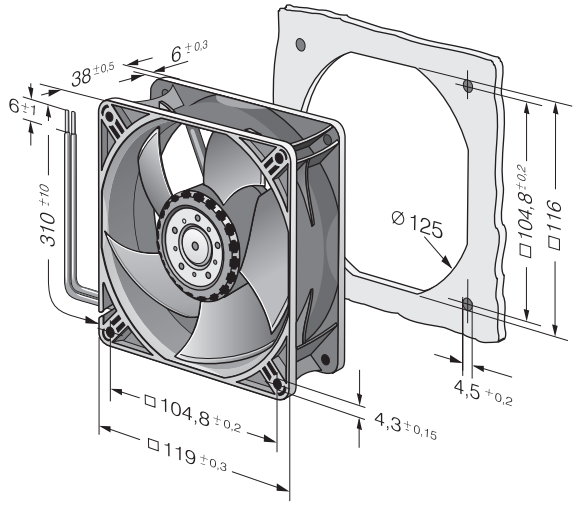
| | |
|---|---|
| **Housing material** | Glass-fiber reinforced PBT plastic |
| **Impeller material** | Glass-fiber reinforced PA plastic |
| **Weight** | 0.250 kg |
| **Dimensions** | 119 x 119 x 38 mm |
| **Airflow direction** | Exhaust over struts |
| **Direction of rotation** | Clockwise, viewed toward rotor |
| **Storage** | Ball bearing |
| **Service life L10 at 40 °C** | 67500 h |
| **Service life L10 at maximum temperature** | 27500 h |
| **Cable** | Leads AWG 24, TR 64, stripped and tin-plated. |
| **Motor protection** | Protection against reverse polarity and blocked rotor. |
| **Option** | Control inputs and alarm and speed signals. |



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## Product drawing

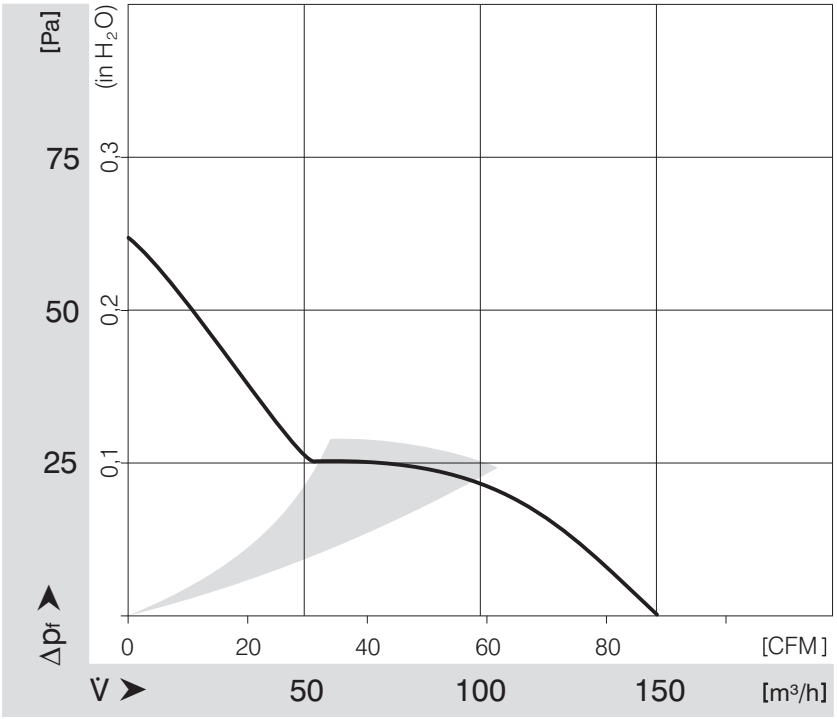





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## Curves: Air performance






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