# DC axial compact fan

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## Nominal data

| Type | 614 NGML | |
|---|---|---|
| Nominal voltage | VDC | 24 |
| Nominal voltage range | VDC | 18 .. 28 |
| Speed (rpm) | $min^{-1}$ | 3000 |
| Power consumption | W | 1.2 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 70 |
| Air flow | $m^3/h$ | 25 |
| Sound power level | B | 3.9 |
| Sound pressure level | dB(A) | 19 |

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** | 0.066 kg |
| **Dimensions** | 60 x 60 x 25 mm |
| **Airflow direction** | Exhaust over struts |
| **Direction of rotation** | Clockwise, viewed toward rotor |
| **Storage** | Sintec sleeve bearing |
| **Service life L10 at 40 °C** | 80000 h |
| **Service life L10 at maximum temperature** | 40000 h |
| **Cable** | Leads AWG 22, TR 64, stripped and tin-plated. |
| **Motor protection** | Protection against reverse polarity and blocked rotor. |
| **Locked-rotor protection** | With electronic locked-rotor and overload protection |
| **Approval** | VDE, CSA, UL, CE |
| **Option** | Possible custom designs:<br>Speed signal<br>Go / No-go alarm<br>Moisture protection<br>Degree of protection: IP54 / IP68 |



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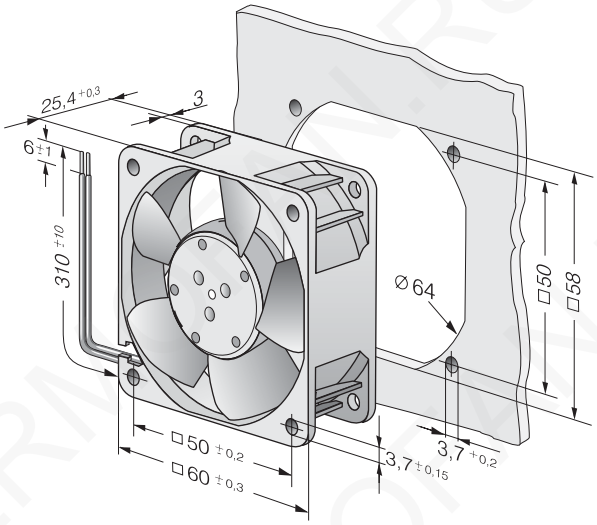
## Product drawing



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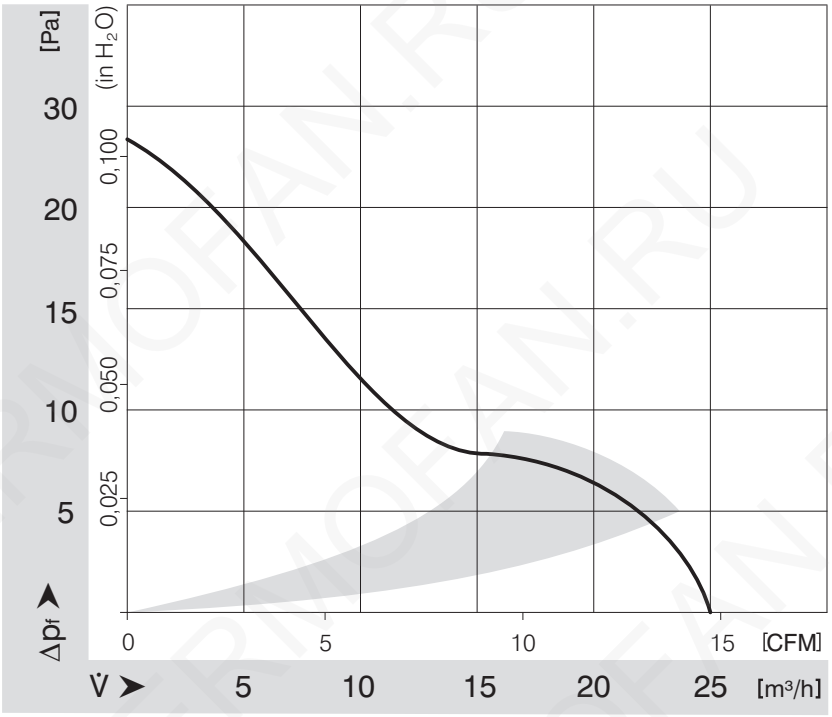
## Curves: Air performance



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