# DC axial compact fan



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## Nominal data

| Type | 8314 HL | |
|---|---|---|
| Nominal voltage | VDC | 24 |
| Nominal voltage range | VDC | 12 .. 31,5 |
| Speed (rpm) | $min^{-1}$ | 4200 |
| Power consumption | W | 4.3 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 75 |
| Air flow | $m^3/h$ | 67 |
| Sound power level | B | 5.8 |
| Sound pressure level | dB(A) | 43 |

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

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## Technical description

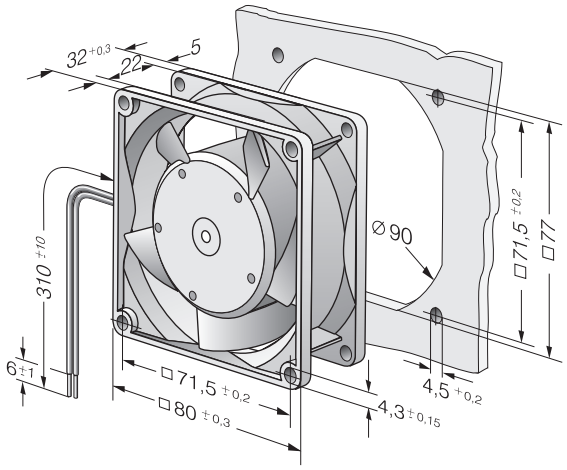
| | |
|---|---|
| **Housing material** | Glass-fiber reinforced PBT plastic |
| **Impeller material** | Glass-fiber reinforced PA plastic |
| **Weight** | 0.170 kg |
| **Dimensions** | 80 x 80 x 32 mm |
| **Airflow direction** | Exhaust over struts |
| **Direction of rotation** | Clockwise, viewed toward rotor |
| **Storage** | Ball bearing |
| **Service life L10 at 40 °C** | 62500 h |
| **Service life L10 at maximum temperature** | 25000 h |
| **Cable** | Leads AWG 22, TR 64, stripped and tin-plated. |
| **Motor protection** | Protection against reverse polarity and blocked rotor. |
| **Locked-rotor protection** | Locked-rotor and overload protection |
| **Approval** | VDE, CSA, UL, CE |
| **Option** | Possible custom designs:<br>Speed signal<br>Go / No-go alarm<br>Alarm with speed limit<br>External temperature sensor<br>Internal temperature sensor<br>PWM control input<br>Analog control input<br>Moisture protection<br>Salt spray protection<br>Degree of protection: IP54 / IP68 |



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## Product drawing

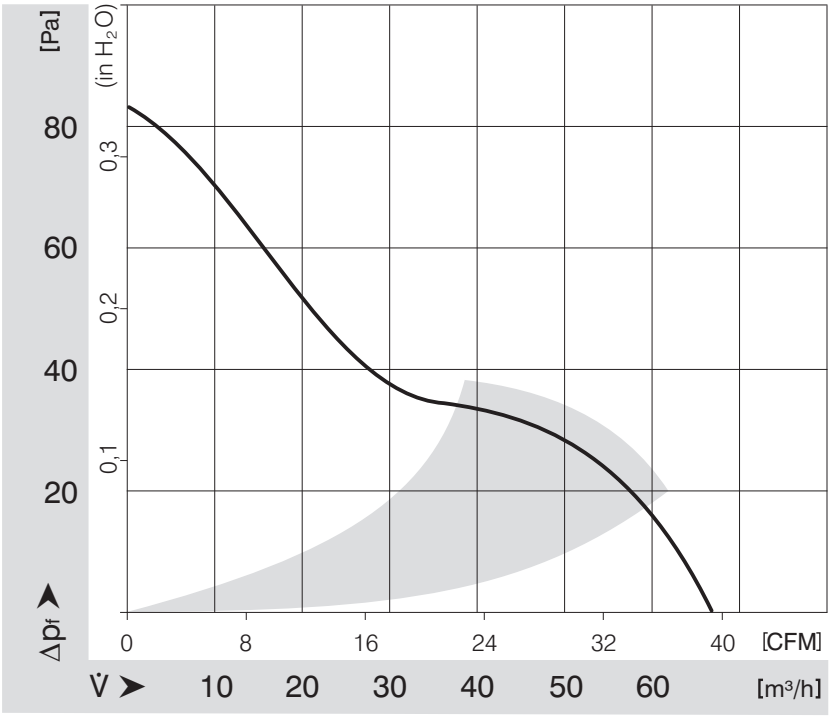





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## Curves: Air performance






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