# DC axial compact fan



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## Nominal data

| Type | 252 H | |
|---|---|---|
| Nominal voltage | VDC | 12 |
| Nominal voltage range | VDC | 10 .. 14 |
| Speed (rpm) | $min^{-1}$ | 12000 |
| Power consumption | W | 0.7 |
| Min. ambient temperature | °C | -10 |
| Max. ambient temperature | °C | 55 |
| Air flow | $m^3/h$ | 4.6 |
| Sound power level | B | 4.4 |
| Sound pressure level | dB(A) | 23 |

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

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## Technical description

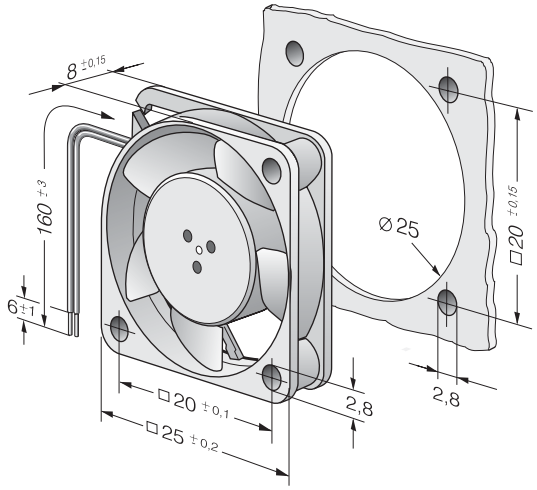
| | |
|---|---|
| **Weight** | 0.005 kg |
| **Dimensions** | 25 x 25 x 8 mm |
| **Impeller material** | Glass-fiber reinforced PA plastic |
| **Housing material** | Glass-fiber reinforced PBT plastic |
| **Airflow direction** | Exhaust over struts |
| **Direction of rotation** | Counterclockwise, viewed toward rotor |
| **Storage** | Sintec sleeve bearing system |
| **Service life L10 at 20 °C** | 35000 h |
| **Service life L10 at 60 °C** | 15000 h |
| **Cable** | Leads AWG 28, TR 64, stripped and tin-plated. |
| **Motor protection** | Protection against reverse polarity and blocked rotor. |
| **Approval** | VDE, CSA, UL |
| **Option** | Possible custom designs;<br>Speed signal<br>Moisture protection |



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## Product drawing

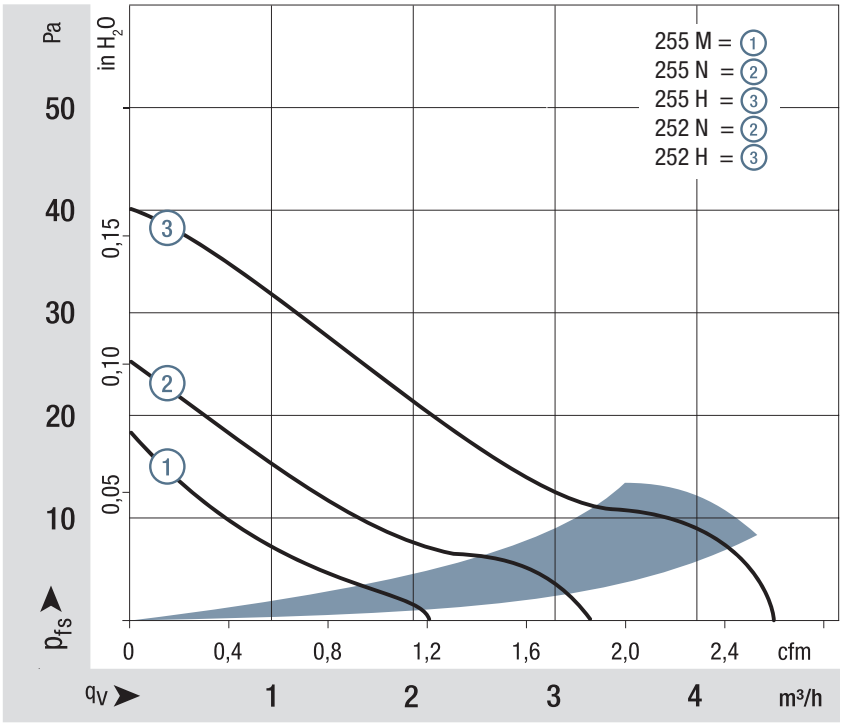





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## Curves: Air performance






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