

4414 F

DC axial compact fan



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Nominal data

| Type | 4414 F | |
|--------------------------|-------------------|----------|
| Nominal voltage | VDC | 24 |
| Nominal voltage range | VDC | 12 .. 28 |
| Speed | min ⁻¹ | 2900 |
| Power input | W | 5.0 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 60 |
| Air flow | m ³ /h | 170 |
| Sound power level | B | 5.3 |
| Sound pressure level | dB(A) | 43 |

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

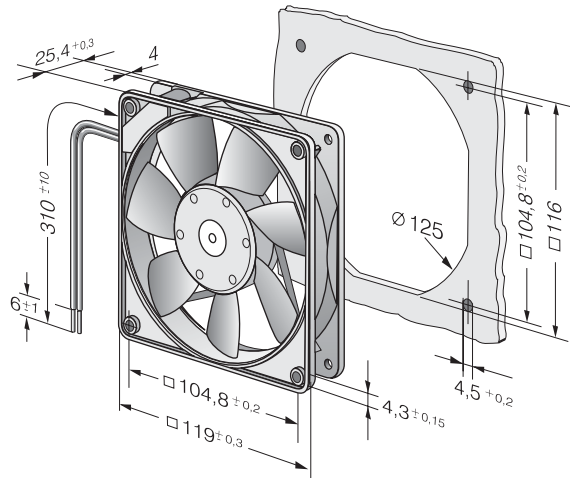


Technical features

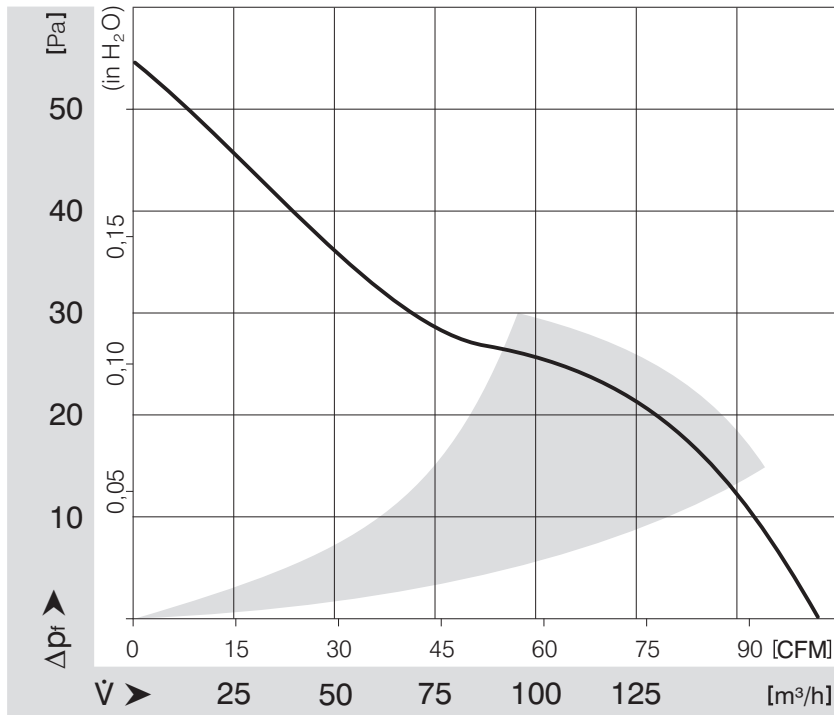
| | |
|--|---|
| Mass | 0.175 kg |
| Dimensions | 119 x 119 x 25 mm |
| Material of impeller | Fibreglass-reinforced PA plastic |
| Housing material | Fibreglass-reinforced PBT plastic |
| Direction of air flow | Air exhaust over bars |
| Direction of rotation | Left, looking at rotor |
| Bearing | Ball bearings |
| Lifetime L10 at 40 °C | 60000 h |
| Lifetime L10 at maximum temperature | 37500 h |
| Connection line | Single strands AWG 24, TR 64, bared and tin-plated. |
| Motor protection | Protected against reverse polarity and locking. |
| Locked-rotor protection | Blocking and overload protection |
| Approval | VDE, CSA, UL, CE |
| Option | Speed signal, alarm signal |



Product drawing



Charts: Air flow



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