

4414 N

DC axial compact fan

sickle-shaped blades (S series)



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Nominal data

| Type | 4414 N | |
|--------------------------|-------------------|----------|
| Nominal voltage | VDC | 24 |
| Nominal voltage range | VDC | 18 .. 28 |
| Speed (rpm) | min ⁻¹ | 3650 |
| Power consumption | W | 5.4 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 70 |
| Air flow | m ³ /h | 205 |
| Sound power level | B | 5.6 |
| Sound pressure level | dB(A) | 46 |

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



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 | 62500 h |
| Service life L10 at maximum temperature | 30000 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



Curves: Air performance

