

8214 JN

DC axial compact fan



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Nominal data

| Type | 8214 JN | |
|--------------------------|-------------------|------------|
| Nominal voltage | VDC | 24 |
| Nominal voltage range | VDC | 18 .. 26.4 |
| Speed | min ⁻¹ | 8400 |
| Power input | W | 10 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 70 |
| Air flow | m ³ /h | 132 |
| Sound power level | B | 6.6 |
| Sound pressure level | dB(A) | 55 |

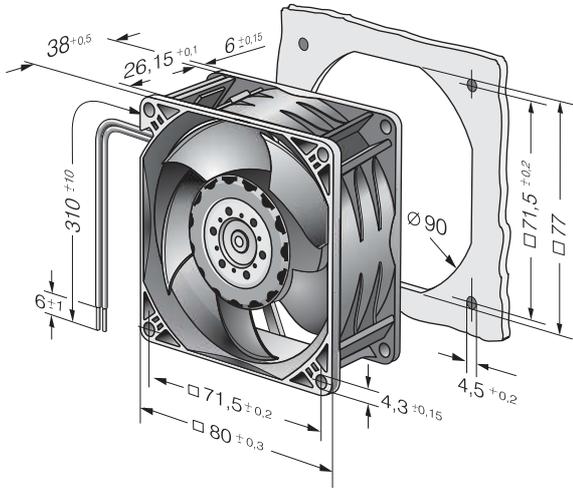
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

| | |
|--|--|
| Dimensions | 80 x 80 x 38 mm |
| General description | <p>Particular design features:</p> <p>Rigid compression curve for high air flow at high counterpressure. Innovative impeller with winglets for low noise. Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application.</p> <p>General features:</p> <p>Material: fibreglass-reinforced plastic. Impeller PA, housing PBT. Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 24 (H3 and H4: AWG 22), TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 160 g (H3 and H4: 200 g).</p> |
| Connection line | Single strands AWG 24, TR 64, bared and tin-plated. |
| Locked-rotor protection | With electronic blocking and overload protection |
| Direction of rotation | Left, looking at rotor |
| Direction of air flow | Air exhaust over bars |
| Bearing | Ball bearings |
| Lifetime L10 at 40 °C | 62500 h |
| Lifetime L10 at maximum temperature | 32500 h |
| Mass | 0.160 kg |
| Housing material | Fiberglass-reinforced PBT plastic |
| Material of impeller | Fiberglass-reinforced PA plastic |
| Motor protection | Protected against reverse polarity and locking. |
| Approval | CE |

Product drawing



Charts: Air flow

