



Nominal data

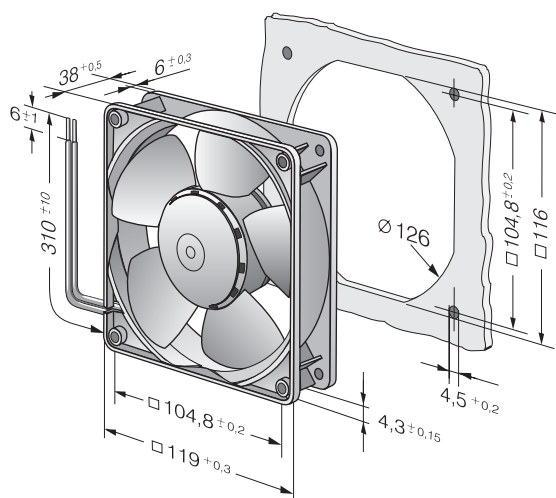
| Type                     | 4214 NHH             |      |
|--------------------------|----------------------|------|
| Nominal voltage          | [VDC]                | 24   |
| Speed                    | [min <sup>-1</sup> ] | 3500 |
| Power input              | [W]                  | 7.5  |
| Min. ambient temperature | [°C]                 | -20  |
| Max. ambient temperature | [°C]                 | 70   |
| Air flow                 | [m <sup>3</sup> /h]  | 205  |
| Sound power level        | [B]                  | 6.1  |
| Sound pressure level     | [dB(A)]              | 49   |

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

## Technical features

|                                     |                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------|
| Dimensions                          | 119 x 119 x 38 mm                                                                                          |
| General description                 | DC fan with electronically commutated external rotor motor. Commutation electronics completely integrated. |
| Connection line                     | 2 single strands AWG 22, TR 64                                                                             |
| Locked-rotor protection             | Blocking and overload protection                                                                           |
| Direction of protection             | Left, looking at rotor                                                                                     |
| Direction of air flow               | Air exhaust over bars                                                                                      |
| Bearing                             | Ball bearings                                                                                              |
| Lifetime L10 at 40 °C               | 50000 h                                                                                                    |
| Lifetime L10 at maximum temperature | 25000 h                                                                                                    |
| Mass                                | 0.230 kg                                                                                                   |
| Material of impeller                | Fiberglass-reinforced PA plastic                                                                           |
| Motor protection                    | Reverse-polarity protected. The fan runs only if the polarity is correct.                                  |
| Approval                            | VDE, CSA, UL, CE                                                                                           |

## Product drawing



## Charts: Air flow

