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**Nominal data**

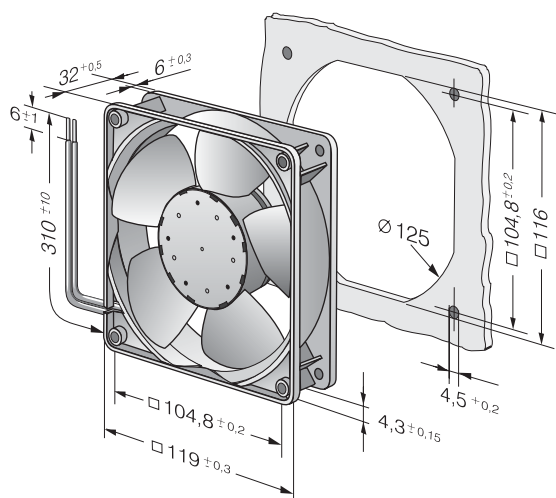
| Type                     | 4312 NGL             |      |
|--------------------------|----------------------|------|
| Nominal voltage          | [VDC]                | 12   |
| Speed                    | [min <sup>-1</sup> ] | 1650 |
| Power input              | [W]                  | 1.2  |
| Min. ambient temperature | [°C]                 | -20  |
| Max. ambient temperature | [°C]                 | 70   |
| Air flow                 | [m <sup>3</sup> /h]  | 93   |
| Sound power level        | [B]                  | 4.1  |
| Sound pressure level     | [dB(A)]              | 27   |

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 32 mm                                   |
| General description                 | Electronic commutation completely integrated.       |
| Connection line                     | Single strands AWG 22, TR 64, bared and tin-plated. |
| Locked-rotor protection             | Blocking and overload protection                    |
| Direction of protection             | Left, looking at rotor                              |
| Direction of air flow               | Air exhaust over bars                               |
| Bearing                             | Sintec sleeve bearing                               |
| Lifetime L10 at 40 °C               | 80000 h                                             |
| Lifetime L10 at maximum temperature | 40000 h                                             |
| Mass                                | 0.230 kg                                            |
| Material of impeller                | Fiberglass-reinforced PA plastic                    |
| Motor protection                    | Protected against reverse polarity and locking.     |
| Option                              | Vario-Pro                                           |
| Approval                            | VDE, CSA, UL, CE                                    |

## Product drawing



## Charts: Air flow

