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**Nominal data**

| Type                     | 8305 G            |            |
|--------------------------|-------------------|------------|
| Nominal voltage          | VDC               | 5          |
| Nominal voltage range    | VDC               | 4.5 .. 5.5 |
| Speed                    | min <sup>-1</sup> | 3050       |
| Power input              | W                 | 2.2        |
| Min. ambient temperature | °C                | -20        |
| Max. ambient temperature | °C                | 75         |
| Air flow                 | m <sup>3</sup> /h | 48         |
| Sound power level        | B                 | 5.0        |
| Sound pressure level     | dB(A)             | 34         |

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

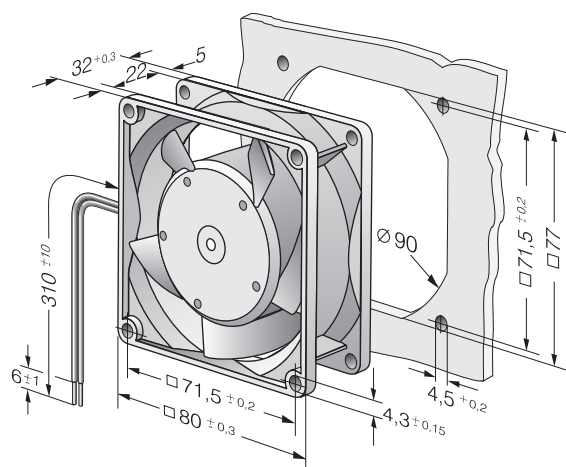


## Technical features

|                                     |                                                                                                                                                                                                                       |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                          | 80 x 80 x 32 mm                                                                                                                                                                                                       |
| General description                 | Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application. 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 rotation               | Right, looking at rotor                                                                                                                                                                                               |
| Direction of air flow               | Air exhaust over bars                                                                                                                                                                                                 |
| Bearing                             | Sintec sleeve bearing                                                                                                                                                                                                 |
| Lifetime L10 at 40 °C               | 70000 h                                                                                                                                                                                                               |
| Lifetime L10 at maximum temperature | 25000 h                                                                                                                                                                                                               |
| Mass                                | 0.170 kg                                                                                                                                                                                                              |
| Housing material                    | Fiberglass-reinforced PBT plastic                                                                                                                                                                                     |
| Material of impeller                | Fiberglass-reinforced PA plastic                                                                                                                                                                                      |
| Motor protection                    | Protected against reverse polarity and locking.                                                                                                                                                                       |
| Approval                            | VDE, CSA, UL, CE                                                                                                                                                                                                      |



## Product drawing



## Charts: Air flow

