

Nominal data

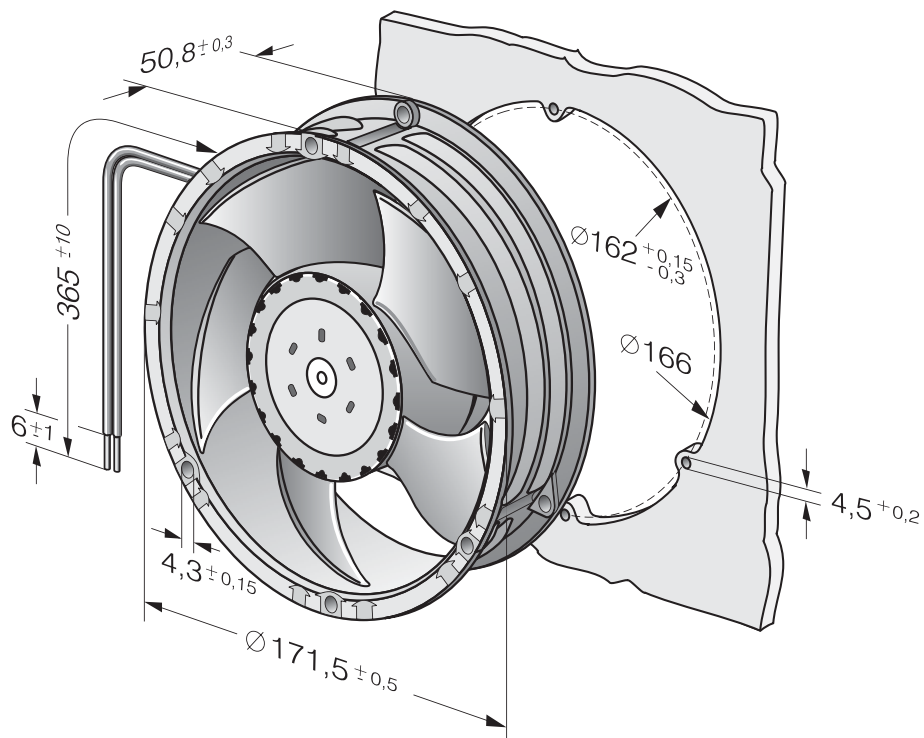
|                          |                   |          |
|--------------------------|-------------------|----------|
| Type                     | 6318 /2HP         |          |
| Nominal voltage          | VDC               | 48       |
| Nominal voltage range    | VDC               | 36 .. 72 |
| Speed                    | min <sup>-1</sup> | 5000     |
| Power input              | W                 | 32       |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 65       |
| Air flow                 | m <sup>3</sup> /h | 545      |
| Sound power level        | B                 | 6.9      |
| Sound pressure level     | dB(A)             | 58       |

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
Subject to alterations

**Technical features**

|                                            |                                                                                             |
|--------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>General description</b>                 | Free air power consumption, these values may be considerably higher at the operating point. |
| <b>Impeller material</b>                   | Fibreglass-reinforced plastic (PA)                                                          |
| <b>Mass</b>                                | 0.91 kg                                                                                     |
| <b>Dimensions</b>                          | 172 Ø x 51 mm                                                                               |
| <b>Housing material</b>                    | Die-cast aluminium                                                                          |
| <b>Direction of air flow</b>               | Air exhaust over bars                                                                       |
| <b>Direction of rotation</b>               | Counter-clockwise, looking at rotor                                                         |
| <b>Bearing</b>                             | Ball bearing                                                                                |
| <b>Lifetime L10 at 40 °C</b>               | 77500 h                                                                                     |
| <b>Lifetime L10 at maximum temperature</b> | 42500 h                                                                                     |
| <b>Connection line</b>                     | With single strands AWG 22, TR 64                                                           |

## Product drawing



## Charts

