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**Nominal data**

| Type                     | 5318 /2 TDHHP     |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 48       |
| Nominal voltage range    | VDC               | 36 .. 72 |
| Speed                    | min <sup>-1</sup> | 7000     |
| Power input              | W                 | 66       |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 70       |
| Air flow                 | m <sup>3</sup> /h | 490      |
| Sound power level        | B                 | 8.1      |
| Sound pressure level     | dB(A)             | 75       |

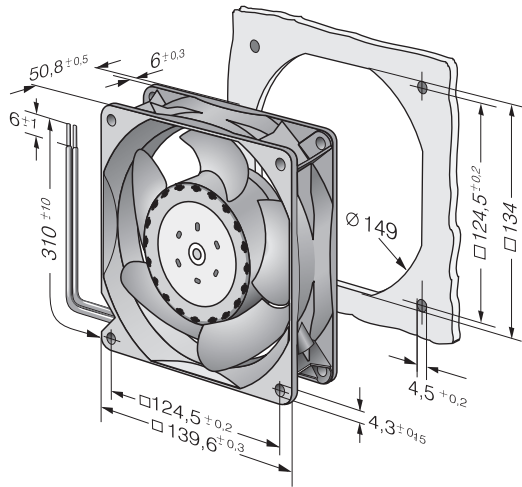
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations



## Technical features

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dimensions</b>                          | 140 x 140 x 51 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>General description</b>                 | <p>Particular design features:</p> <p>Very smooth running 3-phase fan drive.</p> <p>Very rigid compression curve for high air flow at high counterpressure.</p> <p>Low operating noise level at high counterpressure.</p> <p>Standard with PWM control input and speed signal.</p> <p>Other inputs and outputs on request.</p> <p>General features:</p> <p>Materials: Housing made of aluminium, impeller made of fibreglass-reinforced PA; housing with grounding lug for M4 x 8 screw (Torx).</p> <p>Protected against reverse polarity and locking.</p> <p>Connection via single strands AWG 20 and AWG 22, TR 64, bared and tin-plated.</p> <p>Inlet over bars. Direction of rotation counter-clockwise seen on rotor.</p> <p>Mass: 900 g.</p> |
| <b>Direction of rotation</b>               | Counterclockwise, looking at rotor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Direction of air flow</b>               | Inlet over bars                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Bearing</b>                             | Ball bearings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Lifetime L10 at 40 °C</b>               | 62500 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Lifetime L10 at maximum temperature</b> | 30000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mass</b>                                | 0.900 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Housing material</b>                    | Aluminum. Housing with grounding lug for screw M4 x 8 (TORX).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Material of impeller</b>                | Fiberglass-reinforced PA plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Motor protection</b>                    | Protected against reverse polarity and locking.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Product drawing



## Charts: Air flow

