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**Nominal data**

| Type                     | 5656 S            |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 230  |
| Frequency                | Hz                | 50   |
| Speed                    | min <sup>-1</sup> | 2700 |
| Power input              | W                 | 30.0 |
| Min. ambient temperature | °C                | -35  |
| Max. ambient temperature | °C                | 70   |
| Air flow                 | m <sup>3</sup> /h | 235  |
| Sound power level        | B                 | 5.9  |
| Sound pressure level     | dB(A)             | 46   |

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>                          | 135 x 135 x 38 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>General description</b>                 | <p>AC voltage fan with external rotor motor shaded-pole motor. Protected from overload by a thermal cutout switch.</p> <p>Fan housing and impeller made of metal.</p> <p>Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor.</p> <p>Electrical connection to 2 flat plugs 2.8 x 0.5 mm.</p> <p>Fan housing with grounding lug and tapping screw M4 x 8 (TORX).</p> <p>Mass 800 g.</p> <p>Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.</p> |
| <b>Connection line</b>                     | 2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug and tapping screw M4 x 8 (TORX).                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Direction of rotation</b>               | Left, looking at rotor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Direction of air flow</b>               | Air exhaust over bars                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Bearing</b>                             | Ball bearings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Lifetime L10 at 40 °C</b>               | 45000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Lifetime L10 at maximum temperature</b> | 20000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Mass</b>                                | 0.800 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Housing material</b>                    | Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Material of impeller</b>                | Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Motor protection</b>                    | Protected from overload by a thermal cutout switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Approval</b>                            | VDE, CSA, UL, CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

AC axial compact fan

[illegible]

## Charts: Air flow

