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**Nominal data**

| Type                     | 8500 TA           |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 115  |
| Frequency                | Hz                | 60   |
| Speed (rpm)              | min <sup>-1</sup> | 3150 |
| Power consumption        | W                 | 11.0 |
| Min. ambient temperature | °C                | -10  |
| Max. ambient temperature | °C                | 75   |
| Air flow                 | m <sup>3</sup> /h | 45   |
| Sound pressure level     | dB(A)             | 30   |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change



**Technical description**

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Weight</b>                                  | 0.370 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Dimensions</b>                              | Ø 76 x 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Impeller material</b>                       | Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Airflow direction</b>                       | Intake over mounting bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Direction of rotation</b>                   | Clockwise, viewed toward rotor                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>                                 | Sintec sleeve bearing system                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Service life L10 at 40 °C</b>               | 55000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Service life L10 at maximum temperature</b> | 25000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cable</b>                                   | 2 leads AWG 28, TR 64                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Motor protection</b>                        | Protected from overload by impedance protection                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Approval</b>                                | VDE, CSA, UL, CE                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Option</b>                                  | Air flow rates and noise levels of fans without external housings depend on conditions of installation. The stated air flow was determined with an aperture of Ø 76.5 mm and at a distance of approximately 17 mm from the mounting bracket. Under especially favorable conditions of installation, the air flow of fan series 8000 A is achievable. The noise level in the optimal operating range can only be measured for these fans in a specific application. |



## Product drawing

