

**ebm-papst St. Georgen GmbH & Co. KG**

Hermann-Papst-Str. 1

D-78112 St. Georgen

Phone +49 (0) 7724 81-0

Fax +49 (0) 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

**Nominal data**

| Type                     | 405 FH            |            |
|--------------------------|-------------------|------------|
| Nominal voltage          | VDC               | 5          |
| Nominal voltage range    | VDC               | 4.5 .. 5.5 |
| Speed (rpm)              | min <sup>-1</sup> | 6000       |
| Power consumption        | W                 | 0.9        |
| Min. ambient temperature | °C                | -20        |
| Max. ambient temperature | °C                | 70         |
| Air flow                 | m <sup>3</sup> /h | 9          |
| Sound power level        | B                 | 4.6        |
| Sound pressure level     | dB(A)             | 26         |

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



**Technical description**

|                                  |   |
|----------------------------------|---|
| <b>Weight</b>                    | 0.017 kg  |
| <b>Dimensions</b>                | 40 x 40 x 10 mm   |
| <b>Impeller material</b>         | Glass-fiber reinforced PA plastic   |
| <b>Housing material</b>          | Glass-fiber reinforced PBT plastic  |
| <b>Airflow direction</b>         | Exhaust over struts   |
| <b>Direction of rotation</b>     | Counterclockwise, viewed toward rotor   |
| <b>Storage</b>                   | Sintec sleeve bearing system  |
| <b>Service life L10 at 20 °C</b> | 45000 h   |
| <b>Service life L10 at 60 °C</b> | 17500 h   |
| <b>Cable</b>                     | Leads AWG 28, TR 64, stripped and tin-plated.                                       |
| <b>Motor protection</b>          | Protection against reverse polarity and blocked rotor.                              |
| <b>Approval</b>                  | VDE, CSA, UL  |
| <b>Option</b>                    | Possible custom designs:<br>Speed signal<br>Go / No-go alarm<br>Moisture protection |



## Curves: Air performance

