

3414 NGH

## DC axial compact fan



### 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                     | 3414 NGH          |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 24       |
| Nominal voltage range    | VDC               | 18 .. 26 |
| Speed                    | min <sup>-1</sup> | 3000     |
| Power input              | W                 | 3.0      |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 70       |
| Air flow                 | m <sup>3</sup> /h | 94       |
| Sound power level        | B                 | 5.0      |
| Sound pressure level     | dB(A)             | 36       |

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



**Technical features**

|  |   |
|--|---|
| <b>Housing material</b>                    | Fibreglass-reinforced plastic (PBT)                 |
| <b>Impeller material</b>                   | Fibreglass-reinforced plastic (PA)                  |
| <b>Mass</b>                                | 0.100 kg  |
| <b>Dimensions</b>                          | 92 x 92 x 25 mm                                     |
| <b>Direction of air flow</b>               | Air exhaust over bars                               |
| <b>Direction of rotation</b>               | Left, looking at rotor                              |
| <b>Bearing</b>                             | Sintec sleeve bearing                               |
| <b>Lifetime L10 at 40 °C</b>               | 70000 h   |
| <b>Lifetime L10 at maximum temperature</b> | 35000 h   |
| <b>Connection line</b>                     | Single strands AWG 24, TR 64, bared and tin-plated. |
| <b>Motor protection</b>                    | Protected against reverse polarity and locking.     |
| <b>Approval</b>                            | VDE, CSA, UL  |
| <b>Option</b>                              | Speed signal  |



## Product drawing



## Charts: Air flow

