

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

Hermann-Papst-Straße 1

78112 St. Georgen

Phone: +49 7724 81-0

Fax: +49 7724 81-1309

[www.ebmpapst.com](http://www.ebmpapst.com)[info2@de.ebmpapst.com](mailto:info2@de.ebmpapst.com)**Nominal data**

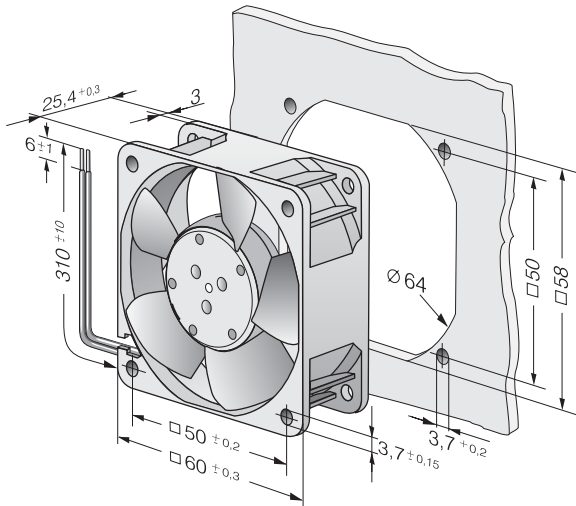
| Type                     | 614 NH               |          |
|--------------------------|----------------------|----------|
| Nominal voltage          | [VDC]                | 24       |
| Nominal voltage range    | [VDC]                | 18 .. 26 |
| Speed                    | [min <sup>-1</sup> ] | 5600     |
| Power input              | [W]                  | 2.1      |
| Min. ambient temperature | [°C]                 | -20      |
| Max. ambient temperature | [°C]                 | 70       |
| Air flow                 | [m <sup>3</sup> /h]  | 46       |
| Sound power level        | [B]                  | 5.3      |
| Sound pressure level     | [dB(A)]              | 37       |

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

## Technical features

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Dimensions                          | 60 x 60 x 25 mm                                     |
| General description                 | Electronic commutation completely integrated.       |
| Connection line                     | Single strands AWG 22, TR 64, bared and tin-plated. |
| Locked-rotor protection             | With electronic blocking and overload protection    |
| Direction of protection             | Right, looking at rotor                             |
| Direction of air flow               | Air exhaust over bars                               |
| Bearing                             | Ball bearings                                       |
| Lifetime L10 at 40 °C               | 70000 h                                             |
| Lifetime L10 at maximum temperature | 35000 h                                             |
| Mass                                | 0.066 kg                                            |
| Housing material                    | Fiberglass-reinforced PBTP plastic                  |
| Material of impeller                | Fiberglass-reinforced PA plastic                    |
| Motor protection                    | Protected against reverse polarity and locking.     |
| Option                              | Speed signal                                        |
| Approval                            | VDE, CSA, UL, CE                                    |

## Product drawing



## Charts: Air flow

