

**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**

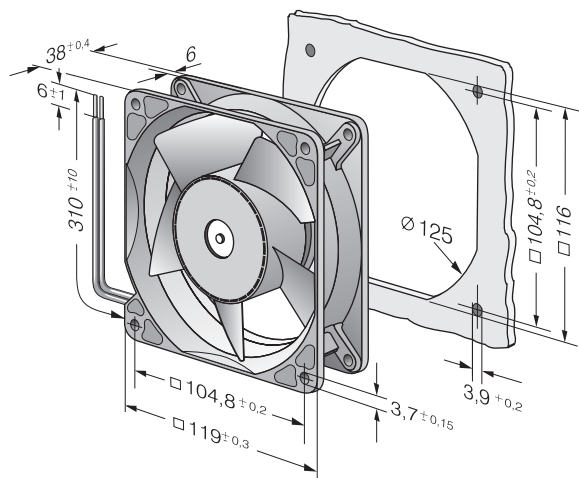
| Type                     | 4112 NH4             |         |
|--------------------------|----------------------|---------|
| Nominal voltage          | [VDC]                | 12      |
| Nominal voltage range    | [VDC]                | 9 .. 14 |
| Speed                    | [min <sup>-1</sup> ] | 6800    |
| Power input              | [W]                  | 32      |
| Min. ambient temperature | [°C]                 | -20     |
| Max. ambient temperature | [°C]                 | 65      |
| Air flow                 | [m <sup>3</sup> /h]  | 355     |
| Sound power level        | [B]                  | 7,4     |
| Sound pressure level     | [dB(A)]              | 67      |

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

## Technical features

|                                     |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                          | 119 x 119 x 38 mm                                                                                                                                                                                                                                                                                                                                |
| General description                 | Very rigid compression curve for high air flow at high counterpressure. Low operating noise level at high counterpressure. Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application. Electronic commutation completely integrated. |
| Connection line                     | Single strands AWG 22, UL 1007, TR 64, bared and tin-plated.                                                                                                                                                                                                                                                                                     |
| Direction of protection             | Clockwise, looking at rotor                                                                                                                                                                                                                                                                                                                      |
| Direction of air flow               | Inlet over bars                                                                                                                                                                                                                                                                                                                                  |
| Bearing                             | Ball bearings                                                                                                                                                                                                                                                                                                                                    |
| Lifetime L10 at 40 °C               | 62500 h                                                                                                                                                                                                                                                                                                                                          |
| Lifetime L10 at maximum temperature | 35000 h                                                                                                                                                                                                                                                                                                                                          |
| Mass                                | 0.390 kg                                                                                                                                                                                                                                                                                                                                         |
| Housing material                    | Aluminum with grounding lug for screw M4 x 8 (TORX).                                                                                                                                                                                                                                                                                             |
| Material of impeller                | Fiberglass-reinforced PA plastic                                                                                                                                                                                                                                                                                                                 |
| Motor protection                    | Protected against reverse polarity and locking.                                                                                                                                                                                                                                                                                                  |
| Option                              | Speed signal                                                                                                                                                                                                                                                                                                                                     |

## Product drawing



## Charts: Air flow

