

**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                     | DV 5218 N         |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 48       |
| Nominal voltage range    | VDC               | 36 .. 60 |
| Speed (rpm)              | min <sup>-1</sup> | 5000     |
| Power consumption        | W                 | 18.5     |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 65       |
| Air flow                 | m <sup>3</sup> /h | 270      |
| Sound power level        | B                 | 6.4      |
| Sound pressure level     | dB(A)             | 56       |

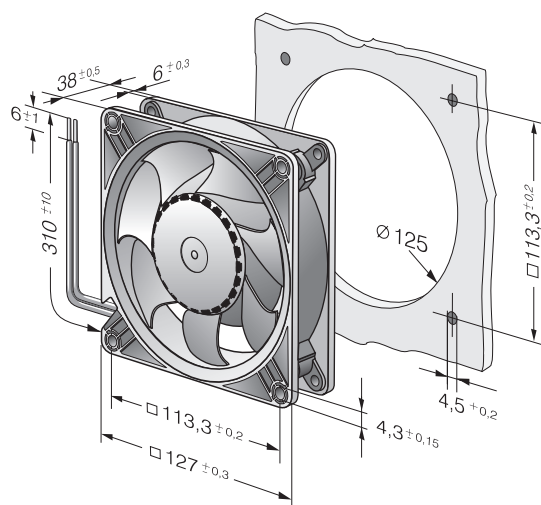
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change



## Technical description

|                                         |                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------|
| General description                     | * Power consumption when wide open; these values may be considerably higher at the operating point. |
| Housing material                        | Glass-fiber reinforced PBT plastic                                                                  |
| Impeller material                       | Glass-fiber reinforced PA plastic                                                                   |
| Weight                                  | 0.415 kg                                                                                            |
| Dimensions                              | 127 x 127 x 38 mm                                                                                   |
| Airflow direction                       | Exhaust over struts                                                                                 |
| Direction of rotation                   | Counterclockwise, viewed toward rotor                                                               |
| Storage                                 | Ball bearing                                                                                        |
| Service life L10 at 40 °C               | 70000 h                                                                                             |
| Service life L10 at maximum temperature | 40000 h                                                                                             |
| Cable                                   | Leads AWG 22, TR 64, stripped and tin-plated.                                                       |
| Motor protection                        | Protection against reverse polarity and blocked rotor.                                              |
| Locked-rotor protection                 | With electronic locked-rotor and overload protection                                                |
| Approval                                | VDE, CSA, UL, CE                                                                                    |
| Option                                  | Speed signal                                                                                        |

## Product drawing



## Curves: Air performance

