

**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                     | 5218 NM           |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 48       |
| Nominal voltage range    | VDC               | 36 .. 56 |
| Speed (rpm)              | min <sup>-1</sup> | 2750     |
| Power consumption        | W                 | 4.5      |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 75       |
| Air flow                 | m <sup>3</sup> /h | 187      |
| Sound power level        | B                 | 5.3      |
| Sound pressure level     | dB(A)             | 43       |

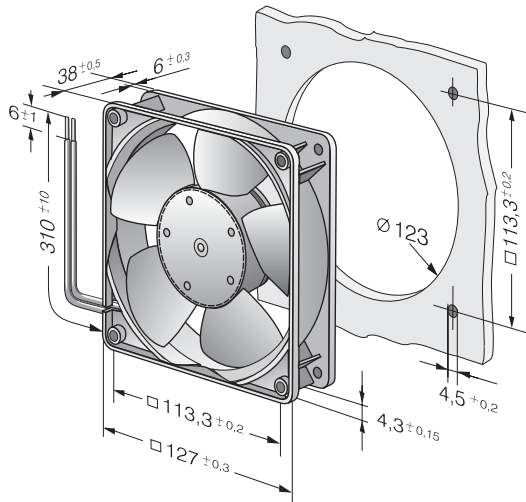
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change



**Technical description**

|                                                |                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>General description</b>                     | Power consumption when wide open; these values may be considerably higher at the operating point. |
| <b>Housing material</b>                        | Glass-fiber reinforced PBT plastic                                                                |
| <b>Impeller material</b>                       | Glass-fiber reinforced PA plastic                                                                 |
| <b>Weight</b>                                  | 0.310 kg                                                                                          |
| <b>Dimensions</b>                              | 127 x 127 x 38 mm                                                                                 |
| <b>Airflow direction</b>                       | Exhaust over struts                                                                               |
| <b>Direction of rotation</b>                   | Counterclockwise, viewed toward rotor                                                             |
| <b>Storage</b>                                 | Ball bearing                                                                                      |
| <b>Service life L10 at 40 °C</b>               | 62500 h                                                                                           |
| <b>Service life L10 at maximum temperature</b> | 27500 h                                                                                           |
| <b>Cable</b>                                   | Leads AWG 22, TR 64, stripped and tin-plated.                                                     |
| <b>Motor protection</b>                        | Protection against reverse polarity and blocked rotor.                                            |
| <b>Locked-rotor protection</b>                 | With electronic locked-rotor and overload protection                                              |
| <b>Approval</b>                                | VDE, CSA, UL, CE                                                                                  |
| <b>Option</b>                                  | Vario-Pro fan                                                                                     |

## Product drawing



## Curves: Air performance

