

## KARTA KATALOGOWA

# 252 H

Wentylator osiowy kompaktowy DC

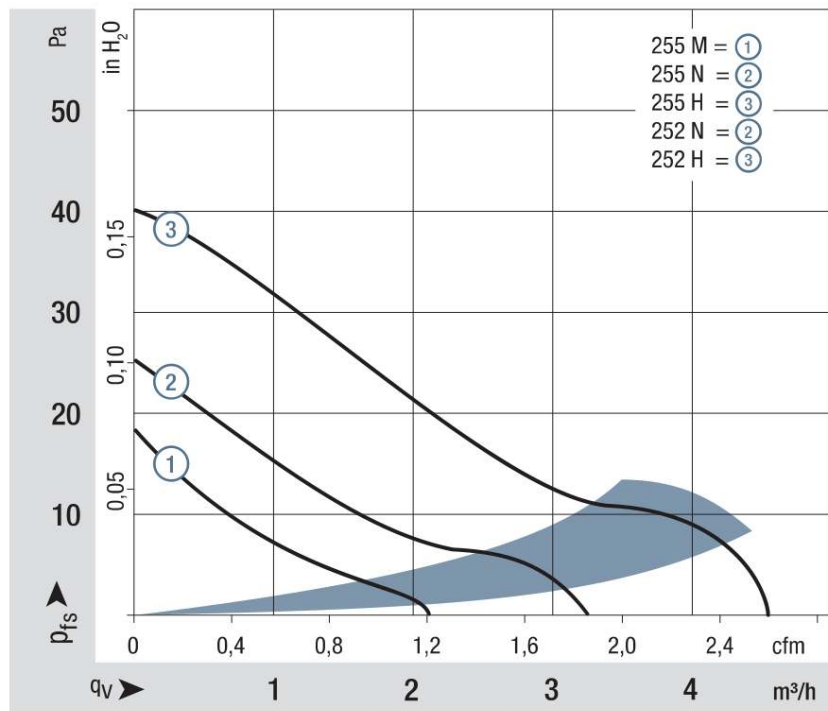
Producent: ebm-papst


**Dane znamionowe**

|                               |                                |
|-------------------------------|--------------------------------|
| Napięcie znamionowe           | <b>12 V DC (10....14 V DC)</b> |
| Prędkość obrotowa             | <b>12000 obr/min</b>           |
| Pobór mocy                    | <b>0,7 W</b>                   |
| Wydajność                     | <b>4,6 m³/h</b>                |
| Poziom ciśnienia akustycznego | <b>23 dB(A)</b>                |
| Poziom mocy akustycznej       | <b>4,4 B</b>                   |
| Temperatura otoczenia         | <b>-10...+55 °C</b>            |

**Budowa**

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Wymiary            | <b>25 × 25 × 8 mm</b>                           |
| Materiał wirnika   | <b>tworzywo PA wzmocnione włóknem szklanym</b>  |
| Obudowa            | <b>tworzywo PBT wzmocnione włóknem szklanym</b> |
| Kierunek przepływu | <b>wydmuch przez żebra</b>                      |
| Łożyskowanie       | <b>ślizgowe Sintec</b>                          |
| Masa               | <b>0,005 kg</b>                                 |

**Charakterystyka przepływowa**
**Curves: Air performance**


Dane na okładce odczytane z karty katalogowej ebm-papst (oryginał na kolejnych stronach).  
 Producent zastrzega możliwość zmian.

**Dobór, wycena i dostawa – zapytaj LUFTBERG**

tel. +48 600 100 371 · tel. +48 604 959 199  
 biuro@luftberg.pl · www.luftberg.pl

252 H

# DC axial compact fan

[www.wentylatory-online.pl](http://www.wentylatory-online.pl)

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

## Nominal data

| Type                     | 252 H             |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 12       |
| Nominal voltage range    | VDC               | 10 .. 14 |
| Speed (rpm)              | min <sup>-1</sup> | 12000    |
| Power consumption        | W                 | 0.7      |
| Min. ambient temperature | °C                | -10      |
| Max. ambient temperature | °C                | 55       |
| Air flow                 | m <sup>3</sup> /h | 4.6      |
| Sound power level        | B                 | 4.4      |
| Sound pressure level     | dB(A)             | 23       |

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



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## Technical description

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| <b>Weight</b>                    | 0.005 kg                                                        |
| <b>Dimensions</b>                | 25 x 25 x 8 mm                                                  |
| <b>Impeller material</b>         | Glass-fiber reinforced PA plastic                               |
| <b>Housing material</b>          | Glass-fiber reinforced PBT plastic                              |
| <b>Airflow direction</b>         | Exhaust over struts                                             |
| <b>Direction of rotation</b>     | Counterclockwise, viewed toward rotor                           |
| <b>Storage</b>                   | Sintec sleeve bearing system                                    |
| <b>Service life L10 at 20 °C</b> | 35000 h                                                         |
| <b>Service life L10 at 60 °C</b> | 15000 h                                                         |
| <b>Cable</b>                     | Leads AWG 28, TR 64, stripped and tin-plated.                   |
| <b>Motor protection</b>          | Protection against reverse polarity and blocked rotor.          |
| <b>Approval</b>                  | VDE, CSA, UL                                                    |
| <b>Option</b>                    | Possible custom designs;<br>Speed signal<br>Moisture protection |

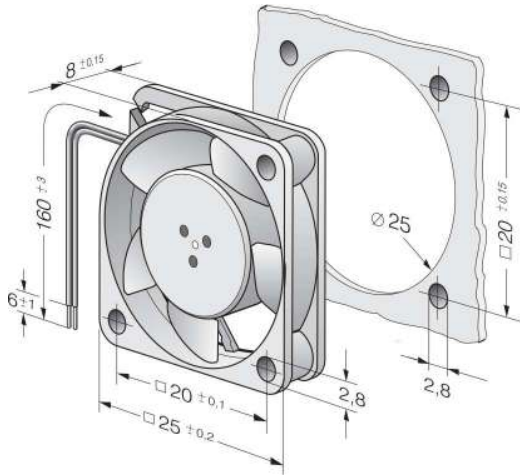


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## Product drawing



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## Curves: Air performance

