

Max. 360 m³/h

## DC axial fans

Ø 150 x 55 mm



- **Material:** Housing: Die-cast aluminum  
Impeller: GRP<sup>1)</sup> (PA)
  - **Direction of air flow:** Exhaust over struts
  - **Direction of rotation:** Counterclockwise, looking towards rotor
  - **Connection:** Via single wires AWG 22, TR 64
  - **Highlights:** Housing with grounding lug for screw M4 x 8 (Torx)
  - **Weight:** 725 g
- **Possible special versions:** (See chapter DC fans - specials)
    - Speed signal
    - Go / NoGo alarm
    - Alarm with speed limit
    - External temperature sensor
    - Internal temperature sensor
    - PWM control input
    - Analog control input
    - Moisture protection
    - Salt spray protection
    - Degree of protection: IP 54 / IP 68

1) Fiberglass-reinforced plastic

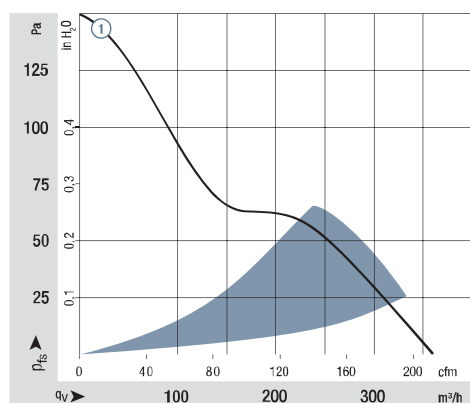
Series 7200 N

Nominal data

|        | Air flow | Air flow | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sinter sleeve bearings<br>Ball bearings | Power consumption* | Nominal speed     | Temperature range | Service life L <sub>10</sub> (40 °C)<br>ebm-papst standard | Service life L <sub>10</sub> (T <sub>max</sub> )<br>ebm-papst standard | Life expectancy L <sub>10</sub> IPC<br>(40 °C) see page 17 | Curve |
|--------|----------|----------|-----------------|---------------|----------------------|-------------------|---|--------------------|-------------------|-------------------|--|--|--|-------|
| Type   | m³/h     | cfm      | VDC             | VDC           | dB(A)                | Bel(A)            | ■ / ■                                   | Watts              | rpm <sup>-1</sup> | °C                | Hours  | Hours  | Hours  |       |
| 7212 N | 360      | 212      | 12              | 6...15        | 53                   | 6.2               | ■                                       | 12.0               | 3 050             | -25...+72         | 80 000 / 37 500  | 135 000  | 135 000  | ①     |
| 7214 N | 360      | 212      | 24              | 12...30       | 53                   | 6.2               | ■                                       | 12.0               | 3 050             | -25...+72         | 80 000 / 37 500  | 135 000  | 135 000  | ①     |
| 7218 N | 360      | 212      | 48              | 24...60       | 53                   | 6.2               | ■                                       | 12.0               | 3 050             | -25...+72         | 80 000 / 37 500  | 135 000  | 135 000  | ①     |

Subject to change

\* Power consumption at free air flow. These values can be significantly higher in the operating point.



Air performance measured according to: ISO 5801  
Installation category A, without contact protection.  
Noise: Total sound power level L<sub>WA</sub> ISO 103002  
measured on a hemisphere with a radius of 2 m.  
Sound pressure level L<sub>PA</sub> measured at 1 m distance  
from fan axis.  
The values given are applicable only under the specified  
measuring conditions and may differ depending on the  
installation conditions.  
In the event of deviation from the standard configuration,  
the parameters must be checked after installation!  
For detailed information see  
<http://www.ebmpapst.com/general-conditions>

