

max. 338 m<sup>3</sup>/h

# DC axial fans

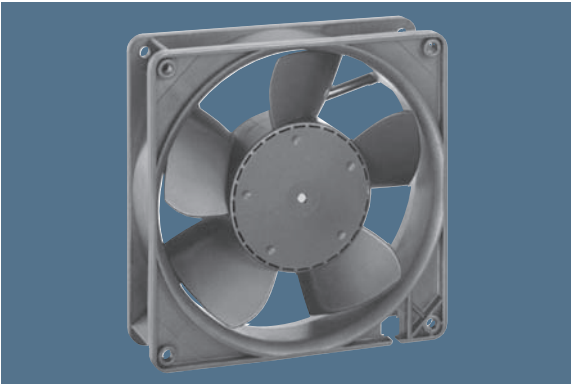
Series 5200 N 127 x 127 x 38 mm

## Highlights:

- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

## General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 310 g.



| Nominal data | Air flow |                   | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sinter sleeve bearings<br>Ball bearings | Power input | 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> Δ<br>(40 °C) see P. 15 | Curve | Specials |
|--------------|----------|-------------------|-----------------|---------------|----------------------|-------------------|---|-------------|---------------|-------------------|--|--|--|-------|----------|
|              | Type     | m <sup>3</sup> /h |                 |               |                      |                   |   |             |               |                   |  |  |  |       |          |
| 5212 NM      | 187      | 110,1             | 12              | 7...14,5      | 43                   | 5,3               | ■                                       | 4,6         | 2 750         | -20...+75         | 62 500 / 27 500  | 122 500  | 1  |       |          |
| 5212 NN      | 216      | 127,1             | 12              | 7...14        | 46                   | 5,6               | ■                                       | 6,0         | 3 150         | -20...+75         | 57 500 / 25 000  | 112 500  | 2  |       |          |
| 5212 NH      | 252      | 148,3             | 12              | 7...14        | 51                   | 6,0               | ■                                       | 9,8         | 3 650         | -20...+70         | 45 000 / 22 500  | 90 000   | 3  |       |          |
| 5212 NHH*    | 340      | 200,0             | 12              | 9...15        | 58                   | 6,6               | ■                                       | 19,0        | 4 900         | -20...+65         | 45 000 / 25 000  | 90 000   | 4  | /2    |          |
| 5214 NM      | 187      | 110,1             | 24              | 12...28       | 43                   | 5,3               | ■                                       | 4,6         | 2 750         | -20...+75         | 62 500 / 27 500  | 122 500  | 1  |       |          |
| 5214 NN      | 216      | 127,1             | 24              | 12...28       | 46                   | 5,6               | ■                                       | 6,0         | 3 150         | -20...+75         | 57 500 / 25 000  | 112 500  | 2  | /2    |          |
| 5214 NH      | 252      | 148,3             | 24              | 12...28       | 51                   | 6,0               | ■                                       | 9,8         | 3 650         | -20...+70         | 45 000 / 22 500  | 90 000   | 3  | /2    |          |
| 5214 NHH*    | 340      | 200,0             | 24              | 16...30       | 58                   | 6,6               | ■                                       | 17,5        | 4 900         | -20...+65         | 45 000 / 25 000  | 90 000   | 4  | /2    |          |
| 5218 NM      | 187      | 110,1             | 48              | 40...56       | 43                   | 5,3               | ■                                       | 5,0         | 2 750         | -20...+75         | 62 500 / 27 500  | 122 500  | 1  |       |          |
| 5218 NN      | 216      | 127,1             | 48              | 40...56       | 46                   | 5,6               | ■                                       | 6,5         | 3 150         | -20...+65         | 57 500 / 32 500  | 112 500  | 2  |       |          |
| 5218 NH      | 252      | 148,3             | 48              | 40...56       | 51                   | 6,0               | ■                                       | 10,0        | 3 650         | -20...+55         | 45 000 / 32 500  | 90 000   | 3  |       |          |
| 5218 NHH*    | 340      | 200,0             | 48              | 36...60       | 58                   | 6,6               | ■                                       | 18,0        | 4 900         | -20...+65         | 45 000 / 25 000  | 90 000   | 4  | /2    |          |

\*Models NHH: Fan housing with moulded-in spacers.

