

max. 222 m³/h

DC axial fans

Series 8200 J 80 x 80 x 38 mm



Highlights:

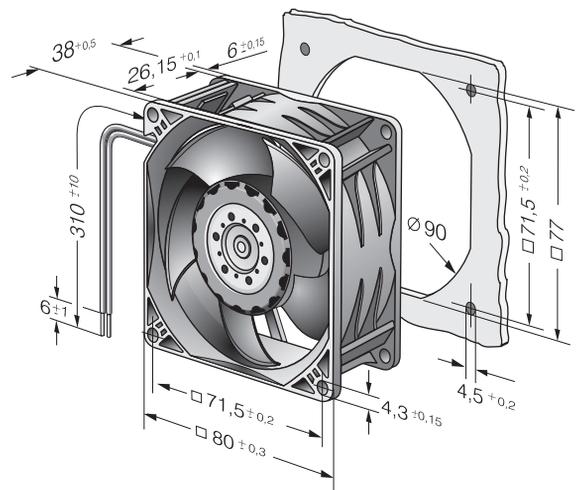
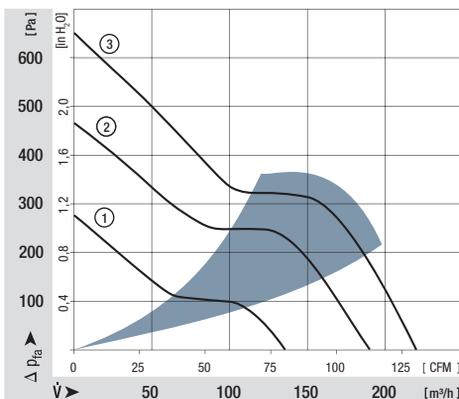
- Very rigid compression curve for high air flow at high back pressure.
- Innovative impeller with winglets for low noise.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

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 24 (H3 and H4: AWG 22), TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 160 g (H3 and H4: 200 g).

| Nominal data | | Air flow | Air flow | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sinter sleeve bearings Ball bearings | Power input | Nominal speed | Temperature range | Service life L ₁₀ (40 °C) ebm-papst Standard | Service life L ₁₀ (T _{max}) ebm-papst Standard | Life expectancy L ₁₀ Δ (40 °C) see P. 15 | Curve | Specials |
|--------------|----------------|-------------------|----------|-----------------|---------------|----------------------|-------------------|---|-------------|---------------|-------------------|--|--|--|--------|----------|
| Type | | m ³ /h | CFM | VDC | VDC | dB(A) | Bel(A) | □ / ■ | Watts | RPM | °C | Hours | Hours | | P. 110 | |
| 8212 JN | | 132 | 77,7 | 12 | 7...13,8 | 55 | 6,6 | ■ | 10 | 8400 | -20...+70 | 62 500 / 32 500 | 130 000 | 1 | /2 | |
| 8212 JH3 | <i>S-Force</i> | 190 | 111,8 | 12 | 6...13,8 | 66 | 7,3 | ■ | 25 | 12 000 | -20...+70 | 55 000 / 27 500 | 110 000 | 2 | /2 | |
| 8212 JH4 | <i>S-Force</i> | 222 | 130,7 | 12 | 6...13,8 | 71 | 7,8 | ■ | 39 | 14 000 | -20...+70 | 50 000 / 25 000 | 100 000 | 3 | /2 | |
| 8214 JN | | 132 | 77,7 | 24 | 18...26,4 | 55 | 6,6 | ■ | 10 | 8400 | -20...+70 | 62 500 / 32 500 | 130 000 | 1 | /2 | |
| 8214 JH3 | <i>S-Force</i> | 190 | 111,8 | 24 | 12...27,6 | 66 | 7,3 | ■ | 25 | 12 000 | -20...+70 | 55 000 / 27 500 | 110 000 | 2 | /2 | |
| 8214 JH4 | <i>S-Force</i> | 222 | 130,7 | 24 | 12...27,6 | 71 | 7,8 | ■ | 38 | 14 000 | -20...+70 | 50 000 / 25 000 | 100 000 | 3 | /2 | |
| 8218 JN | | 132 | 77,7 | 48 | 36...53 | 55 | 6,6 | ■ | 11 | 8400 | -20...+70 | 62 500 / 32 500 | 130 000 | 1 | /2 | |
| 8218 JH3 | <i>S-Force</i> | 190 | 111,8 | 48 | 20...58 | 66 | 7,3 | ■ | 25 | 12 000 | -20...+70 | 55 000 / 27 500 | 110 000 | 2 | /2 | |
| 8218 JH4 | <i>S-Force</i> | 222 | 130,7 | 48 | 20...58 | 71 | 7,8 | ■ | 36 | 14 000 | -20...+70 | 50 000 / 25 000 | 100 000 | 3 | /2 | |

8200 JH3 and JH4 also as standard with PWM control input and speed signal.
Speed control range from 2000 RPM up to maximum nominal speed. Stationary at 0 % PWM, maximum speed at sensor break.



AMEYA360

Components Supply Platform

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