

Max. 222 m³/h

DC axial fans

□ 80 x 38 mm

Information

DC axial fans

DC centrifugal fans

DC fans - specials

ACmaxx / EC fans

AC axial fans

AC centrifugal fans

Accessories

Representatives



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 24 (H3 and H4: AWG 22), TR 64
- **Weight:** 160 g (H3 and H4: 200 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
 - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

Series 8200 J

Nominal data

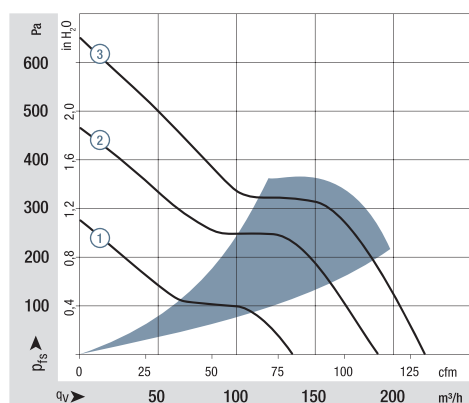
	Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings	Power consumption	Nominal speed	Temperature range	Service life L ₁₀ (40 °C)	Service life L ₁₀ (T _{max})	Life expectancy L ₁₀ IPC	Curve
Type	m ³ /h	cfm	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	rpm ⁻¹	°C	Hours	Hours	Hours	
8212 JN	132	78	12	7...13.8	55	6.6	■	10	8 400	-20...+70	62 500 / 32 500	105 000	105 000	①
8212 JH3 <i>S-Force</i>	190	112	12	6...13.8	66	7.3	■	26*	12 000	-20...+70	55 000 / 27 500	92 500	92 500	②
8212 JH4 <i>S-Force</i>	222	131	12	6...13.8	71	7.8	■	39*	14 000	-20...+70	50 000 / 25 000	85 000	85 000	③
8214 JN	132	78	24	18...26.4	55	6.6	■	11	8 400	-20...+70	62 500 / 32 500	105 000	105 000	①
8214 JH3 <i>S-Force</i>	190	112	24	12...27.6	66	7.3	■	26*	12 000	-20...+70	55 000 / 27 500	92 500	92 500	②
8214 JH4 <i>S-Force</i>	222	131	24	12...27.6	71	7.8	■	38*	14 000	-20...+70	50 000 / 25 000	85 000	85 000	③
8218 JN	132	78	48	36...53	55	6.6	■	11	8 400	-20...+70	62 500 / 32 500	105 000	105 000	①
8218 JH3 <i>S-Force</i>	190	112	48	36...53	66	7.3	■	25*	12 000	-20...+70	55 000 / 27 500	92 500	92 500	②
8218 JH4 <i>S-Force</i>	222	131	48	20...58	71	7.8	■	36*	14 000	-20...+70	50 000 / 25 000	85 000	85 000	③

Subject to change

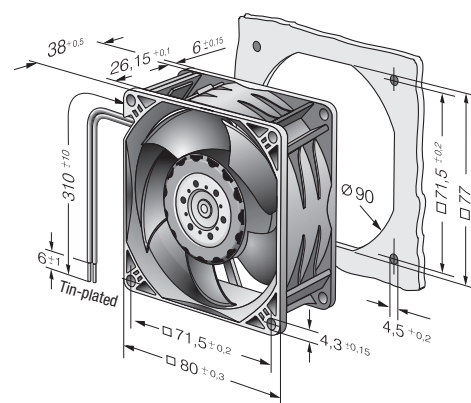
8200 JH3 and JH4 also available as standard with PWM control input and speed signal.

Speed control range from 2000 rpm⁻¹ up to maximum nominal speed. Standstill at 0% PWM, maximum speed if control cable is interrupted.

* 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_{WA} ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} 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>



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