

max. 222 m³/h

DC axial fans

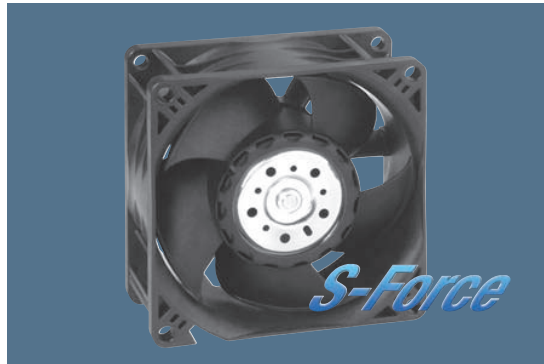
Series 8200 J 80 x 80 x 38 mm

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	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	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	S-Force	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	S-Force	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	S-Force	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	S-Force	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	S-Force	190	111,8	48	20...58	66	7,3	■	25	12 000	-20...+70	55 000 / 27 500	110 000	2	/2	
8218 JH4	S-Force	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.

