

Excellent Integrated System Limited

Stocking Distributor

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[ebm-papst Inc.](#)
[3212J/2N](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

max. 280 m³/h

DC axial fans

Series 3200 J 92 x 92 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 clockwise, seen on rotor.
- Mass: 240 g (H3 and H4: 280 g).

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinterc 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
	m ³ /h	CFM													
3212 JN	130	76,5	12	7...13,8	51	6,1	■	7,5	6 000	-20 ...+70	70 000 / 35 000	140 000	1	/2	
3212 JH	146	86,0	12	7...15	55	6,4	■	9,0	6 800	-20 ...+70	70 000 / 35 000	140 000	2	/2	
3212 JH3 <i>S-Force</i>	237	139,5	12	6...13,8	69	7,8	■	30,0	11 000	-20 ...+70	65 000 / 32 500	130 000	3	/2	
3212 JH4 <i>S-Force</i>	280	164,8	12	6...13,8	73	8,2	■	50,0	13 000	-20 ...+70	60 000 / 30 000	120 000	4	/2	
3214 JN	130	76,5	24	11...28	51	6,1	■	8,0	6 000	-20 ...+70	70 000 / 35 000	140 000	1		
3214 JH	146	86,0	24	11...30	55	6,4	■	9,0	6 800	-20 ...+70	70 000 / 35 000	140 000	2	/2	
3214 JH3 <i>S-Force</i>	237	139,5	24	12...27,6	69	7,8	■	30,0	11 000	-20 ...+70	65 000 / 32 500	130 000	3	/2	
3214 JH4 <i>S-Force</i>	280	164,8	24	12...27,6	73	8,2	■	50,0	13 000	-20 ...+70	60 000 / 30 000	120 000	4		
3218 JN	130	76,5	48	36...56	51	6,1	■	7,0	6 000	-20 ...+70	70 000 / 35 000	140 000	1		
3218 JH	146	86,0	48	36...53	55	6,4	■	9,5	6 800	-20 ...+70	70 000 / 35 000	140 000	2		
3218 JH3 <i>S-Force</i>	237	139,5	48	20...58,0	69	7,8	■	30,0	11 000	-20 ...+70	65 000 / 32 500	130 000	3	/2	
3218 JH4 <i>S-Force</i>	280	164,8	48	20...58,0	73	8,2	■	50,0	13 000	-20 ...+70	60 000 / 30 000	120 000	4		

3200 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.

