

max. 280 m<sup>3</sup>/h

# DC Axial Fans

Series 3200 J 92 x 92 x 38 mm



### Highlights:

- Highly stable characteristic curve for high air flow with 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: fiberglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation. Protected against reverse polarity and blocking.
- Electrical connection via single leads AWG 24 (H3 and H4: AWG 22), TR 64. Stripped and tinned ends.
- Blowing over struts. Rotational direction CW looking at rotor.
- Mass: 240 g (H3 and H4: 280 g).

Nominal Data	Air Flow		Nominal Voltage	Voltage Range	Noise	Sound Power	Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L <sub>10</sub> (40 °C) ebm-papst Standard	Service Life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst Standard	Life expectancy L <sub>10</sub> Δ (40 °C)	Curve	Specials
	m <sup>3</sup> /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	140 000	1	/2
3212 JH	146	86.0	12	7...15.0	55	6.4	■	9.0	6 800	-20 ...+70	70 000 / 35 000	140 000	140 000	2	
NEW 3212 JH3	237	139.5	12	6...13.8	69	7.8	■	30.0	11 000	-20 ...+70	65 000 / 32 500	130 000	130 000	3	/2
NEW 3212 JH4	280	164.8	12	6...13.8	73	8.2	■	50.0	13 000	-20 ...+70	60 000 / 30 000	120 000	120 000	4	/2
3214 JN	130	76.5	24	11...28.0	51	6.1	■	8.0	6 000	-20 ...+70	70 000 / 35 000	140 000	140 000	1	
3214 JH	146	86.0	24	11...30.0	55	6.4	■	9.0	6 800	-20 ...+70	70 000 / 35 000	140 000	140 000	2	/2
NEW 3214 JH3	237	139.5	24	12...27.6	69	7.8	■	30.0	11 000	-20 ...+70	65 000 / 32 500	130 000	130 000	3	/2
NEW 3214 JH4	280	164.8	24	12...27.6	73	8.2	■	50.0	13 000	-20 ...+70	60 000 / 30 000	120 000	120 000	4	/2
3218 JN	130	76.5	48	36...56.0	51	6.1	■	7.0	6 000	-20 ...+70	70 000 / 35 000	140 000	140 000	1	
3218 JH	146	86.0	48	36...53.0	55	6.4	■	9.5	6 800	-20 ...+70	70 000 / 35 000	140 000	140 000	2	
NEW 3218 JH3	237	139.5	48	20...58.0	69	7.8	■	30.0	11 000	-20 ...+70	65 000 / 32 500	130 000	130 000	3	/2
NEW 3218 JH4	280	164.8	48	20...58.0	73	8.2	■	50.0	13 000	-20 ...+70	60 000 / 30 000	120 000	120 000	4	/2

3200 JH3 and JH4 also as standard with PWM control input and speed signal.  
Speed control range from 2000 min<sup>-1</sup> up to maximum nominal speed. Stationary at 0 % PWM, maximum speed when no sensor is connected.

