

max. 280 m<sup>3</sup>/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	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 <sub>10</sub> (40 °C) eum-papst Standard	Service life L <sub>10</sub> (T <sub>max</sub> ) eum-papst Standard	Life expectancy L <sub>10</sub> Δ (40 °C) see P. 15	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	RPM	°C	Hours	Hours	Hours	P. 110	
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	55	6,4	■	9,0	6 800	-20 ...+70	70 000 / 35 000	140 000	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	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	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	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	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	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	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	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	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	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	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.

