

max. 24 m<sup>3</sup>/h

# DC axial fans

Series 400 J 40 x 40 x 25 mm



### Highlights:

- Very rigid compression curve for high air flow at high back pressure.
- Low operating noise level at high back pressure.

### 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 26, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 50 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) 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) 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	
412 J		19	11,2	12	8...14	39	5,5	■	2,4	10 300	-20...+70	60 000 / 30 000	120 000	120 000	1	
412 JH		22	12,9	12	8...13,5	43	5,8	■	3,0	11 700	-20...+70	60 000 / 30 000	120 000	120 000	2	/2
412 JHH		24	14,1	12	8...13,5	46	6,1	■	3,3	13 000	-20...+60	57 500 / 35 000	110 000	110 000	3	/2
414 J		19	11,2	24	18...27	39	5,5	■	2,4	10 300	-20...+70	60 000 / 30 000	120 000	120 000	1	
414 JH		22	12,9	24	18...27	43	5,8	■	3,0	11 700	-20...+70	60 000 / 30 000	120 000	120 000	2	/2
414 JHH		24	14,1	24	18...27	46	6,1	■	3,6	13 000	-20...+60	57 500 / 35 000	110 000	110 000	3	/2

