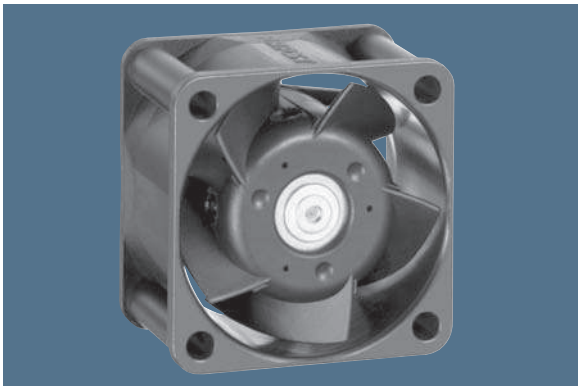
DC axial fans

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	Sintec 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
Type	**m³/h**	**CFM**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□/■	**Watts**	**RPM**	**°C**	**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	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	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	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	1	
414 JH	22	12,9	**24**	18...27	43	5,8	■	3,0	11 700	-20...+70	60 000 / 30 000		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	3	/2

