

max. 13,5 m<sup>3</sup>/h

# DC axial fans

Series 400 40 x 40 x 20 mm



### Highlights:

- Compact fan with low power consumption.
- Some models suitable for use at high ambient temperatures.

### 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 28, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 27 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> (20 °C) ebm-papst Standard	Service life (60 °C) ebm-papst Standard	Life expectancy L <sub>10</sub> <sup>Δ</sup> (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		P. 110/118	
405		10,0	5,9	5	4,5...5,5	18	3,8	□	0,9	6 000	-20...+70	50 000 / 20 000	62 500	1	/2	
412		10,0	5,9	12	10...14	18	3,8	□	0,9	6 000	-20...+70	50 000 / 20 000	62 500	1	/2	
412 H		13,5	7,9	12	10...14	29	4,7	□	1,6	8 100	-20...+60	45 000 / 15 000	47 500	2	/39	
414		10,0	5,9	24	20...28	18	3,8	□	1,0	6 000	-20...+70	50 000 / 20 000	62 500	1	/2	
414 H		13,5	7,9	24	20...26,5	29	4,7	□	1,6	8 100	-20...+60	45 000 / 15 000	47 500	2	/2	
Model with temperature range up to +85 °C.																
412-099		10,0	5,9	12	10...14	18	3,8	□	0,8	6 000	-20...+85	50 000 / 20 000	62 500	1		

