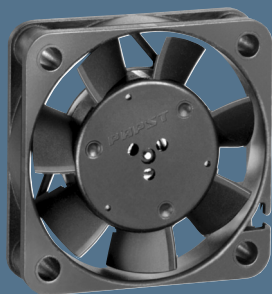


max. 9 m<sup>3</sup>/h

# DC axial fans

Series 400 F 40 x 40 x 10 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: 17 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	Hours	P. 110		
405 F	8	4,7	5	4,5...5,5	22,1	4,4	□	0,7	5 400	-20...+70	45 000 / 15 000	47 500	2	/2		
405 FH	9	5,3	5	4,5...5,5	26,0	4,6	□	0,9	6 000	-20...+70	45 000 / 15 000	47 500	3	/2		
412 FM	6	3,5	12	10...14	16,5	3,8	□	0,6	4 300	-20...+70	45 000 / 15 000	47 500	1			
412 F	8	4,7	12	10...14	22,1	4,4	□	0,7	5 400	-20...+70	45 000 / 15 000	47 500	2			
412 FH	9	5,3	12	10...14	26,0	4,6	□	0,8	6 000	-20...+70	45 000 / 15 000	47 500	3	/2		
414 F	8	4,7	24	20...28	22,1	4,4	□	0,8	5 400	-20...+70	45 000 / 15 000	47 500	2	/2		
414 FH	9	5,3	24	21,6...26,4	26,0	4,4	□	0,9	6 000	-20...+70	45 000 / 15 000	47 500	3			
<b>Models with temperature range up to +85 °C.</b>																
412 FM-074	6	3,5	12	10...14	16,5	3,8	□	0,4	4 300	-20...+85	45 000 / 15 000	47 500	1	/2		
412 F-130	8	4,7	12	10...14	22,1	4,4	□	0,6	5 400	-20...+85	45 000 / 15 000	47 500	2			
412 FH-132	9	5,3	12	10...14	26,0	4,6	□	0,7	6 000	-20...+85	45 000 / 15 000	47 500	3	/2		

