

max. 170 m<sup>3</sup>/h

# DC Axial Fans

Series 4400 F 119 x 119 x 25 mm



### Highlights:

- Ball bearings and sleeve bearings available.
- Open loop speed control available on request.
- Alarm and speed signals available on request.

### General characteristics:

- Material: fiberglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and blocking.
- Electrical connection via single leads AWG 24, TR 64. Stripped and tinned ends.
- Blowing over struts. Rotational direction CCW looking at rotor.
- Mass: 175 g.

Nominal Data	Air Flow		Nominal Voltage	Voltage Range	Noise	Sound Power	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)	Curve	Specials
	m <sup>3</sup> /h	CFM													
4412 FGL	94	55.3	12	7...14	26	3.9	□	1.3	1 600	-20...+75	80 000 / 35 000	157 500	1	/2;/39	
4412 FGML	114	67.1	12	7...12.6	32	4.3	□	2.0	1 950	-20...+75	75 000 / 32 500	145 000	2	/2	
4412 FML	114	67.1	12	7...12.6	32	4.3	■	2.0	1 950	-20...+75	75 000 / 32 500	145 000	2		
4412 FGM	140	82.4	12	7...12.6	38	4.8	□	3.2	2 400	-20...+75	70 000 / 30 000	135 000	3	/12	
4412 FM	140	82.4	12	7...12.6	38	4.8	■	3.2	2 400	-20...+75	70 000 / 30 000	135 000	3	/2	
4412 FG	170	100.1	12	8...12.6	43	5.3	□	5.3	2 900	-20...+60	60 000 / 37 500	120 000	4		
4412 F	170	100.1	12	8...12.6	43	5.3	■	5.3	2 900	-20...+60	60 000 / 37 500	120 000	4	/2	
4414 FL	94	55.3	24	18...28	26	3.9	■	1.0	1 600	-20...+75	80 000 / 35 000	157 500	1	/2	
4414 FM	140	82.4	24	12...28	38	4.8	■	3.2	2 400	-20...+75	70 000 / 30 000	135 000	3	/2	
4414 FG	170	100.1	24	12...28	43	5.3	□	5.0	2 900	-20...+60	60 000 / 37 500	120 000	4	/2	
4414 F	170	100.1	24	12...28	43	5.3	■	5.0	2 900	-20...+60	60 000 / 37 500	120 000	4	/2;/12;/39	
4418 FG	170	100.1	48	28...53	43	5.3	□	5.5	2 900	-20...+60	60 000 / 37 500	120 000	4		
4418 F	170	100.1	48	28...53	43	5.3	■	5.5	2 900	-20...+60	60 000 / 37 500	120 000	4	/2;/12;/39	

Available on request:  
Fan housing with moulded-in  
spacers. For mounting over  
both flanges.

