

max. 170 m³/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: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 24, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 175 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 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		m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	RPM	°C	Hours	Hours	Hours		P. 110-118
4412 FGL		94	55,3	12	7...14	26	3,9	□	1,3	1 600	-20...+75	80 000 / 35 000	157 500	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	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	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	135 000	3	/12/39
4412 FM		140	82,4	12	7...12,6	38	4,8	■	3,2	2 400	-20...+75	70 000 / 30 000	135 000	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	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	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	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	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	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	120 000	4	/2/39
4418 FG		170	100,1	48	28...53	43	5,3	□	5,5	2 900	-20...+60	60 000 / 37 500	120 000	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	120 000	4	/2/12

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

