

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		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
	m ³ /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	/12/39	
4412 FM	140	82,4	12	7...12,6	38	4,8	■	3,2	2 400	-20...+75	70 000 / 30 000	135 000	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	/2/39	
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	

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

