

max. 285 m³/h

DC axial fans

Series 4400 119 x 119 x 38 mm



Highlights:

- Innovative impeller with winglets for low noise.
- Control inputs, alarm and speed signals available on request.
- High-speed version with 5000 rpm, standard models available with /2 and PWM.

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 clockwise, seen on rotor.
- Mass: 270 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			P. 110
4412 L	150	88,3	12	7...14	37	5,0	■	2,5	2 700	-20...+70		67 500 / 35 000	140 000	1		
4412 M	184	108,3	12	7...14	42	5,3	■	4,2	3 300	-20...+70		65 000 / 32 500	130 000	2		
4412 N	205	120,7	12	7...14	46	5,6	■	5,5	3 650	-20...+70		62 500 / 30 000	120 000	3	/2	
4412 H	240	141,3	12	7...14	50	6,0	■	8,9	4 300	-20...+70		57 500 / 27 500	110 000	4	/2	
4412 /2 HHP	285	167,7	12	7...14,5	55	6,4	■	13,0	5 000	-20...+70		50 000 / 25 000	100 000	5	/2	
4414 L	150	88,3	24	18...28	37	5,0	■	2,5	2 700	-20...+70		67 500 / 35 000	140 000	1		
4414 M	184	108,3	24	18...28	42	5,3	■	4,0	3 300	-20...+70		65 000 / 32 500	130 000	2		
4414 N	205	120,7	24	18...28	46	5,6	■	5,2	3 650	-20...+70		62 500 / 30 000	120 000	3		
4414 H	240	141,3	24	18...28	50	6,0	■	8,6	4 300	-20...+70		57 500 / 27 500	110 000	4	/2	
4414 HH	285	164,8	24	16...28	55	6,4	■	14,0	5 000	-20...+70		50 000 / 25 000	100 000	5		
4414 /2 HHP	285	167,7	24	18...28	55	6,4	■	12,0	5 000	-20...+70		50 000 / 25 000	100 000	5	/2	
4418 L	150	88,3	48	36...60	37	5,0	■	2,5	2 700	-20...+70		67 500 / 35 000	140 000	1		
4418 M	184	108,3	48	36...60	42	5,3	■	4,2	3 300	-20...+70		65 000 / 32 500	130 000	2		
4418 N	205	120,7	48	36...60	46	5,6	■	5,2	3 650	-20...+70		62 500 / 30 000	120 000	3		
4418 H	240	141,3	48	36...60	50	6,0	■	8,6	4 300	-20...+70		57 500 / 27 500	110 000	4	/2	
4418 /2 HHP	285	167,7	48	36...60	55	6,4	■	13,5	5 000	-20...+70		50 000 / 25 000	100 000	5	/2	

