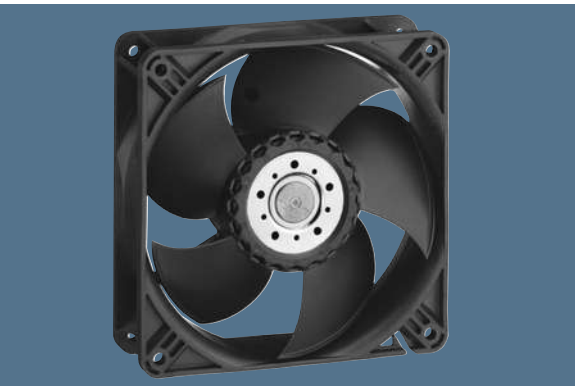
max. 285 m^3/h

DC axial fans

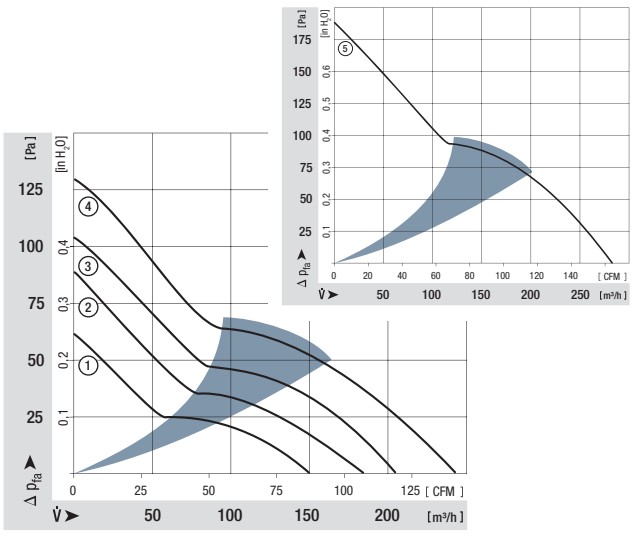
Series 4400 119 x 119 x 38 mm

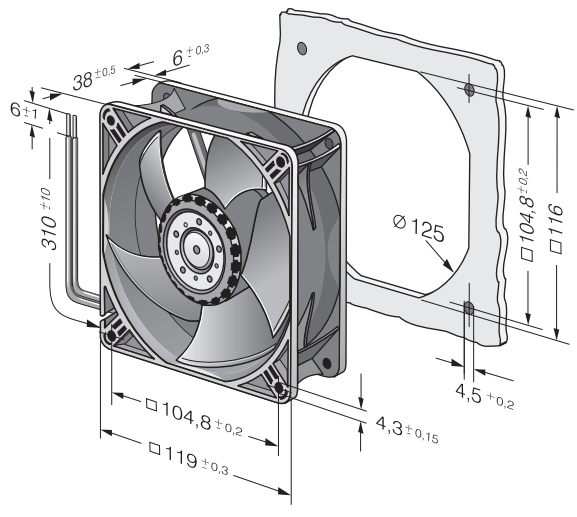


Highlights:
- Innovative impeller with winglets for low noise.
- Control inputs, alarm and speed signals available on request.
- High-speed version with 5000 rpm, standard models available with /2 and PWM.

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	Sintec 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 $L_{10\Delta}$ (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





NG IT IL PWM A HP

ebmpapst