

max. 285 m<sup>3</sup>/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		Nominal voltage	Voltage range	Sound pressure level	Sound power level	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>10Δ</sub> (40 °C) see P. 15	Curve	Specials
	m <sup>3</sup> /h	CFM													
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	

