

max. 205 m³/h

DC axial fans

Series 4400 119 x 119 x 38 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, seen on rotor
- **Connection:** Via single wires AWG 24, TR 64
- **Mass:** 270 g

- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analogue control input
 - Protection against moisture
 - Type of protection: IP 54

1) Fibreglass-reinforced plastic

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	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 IPC (40 °C) see page 17	Curve
	m ³ /h	CFM												
4412 L	150	88	12	7...14	37	5,0	■	2,2	2 700	-20...+80	67 500 / 22 500	115 000	③	
4412 ML	168	99	12	7...15	40	5,1	■	3,0	3 000	-20...+80	67 500 / 22 500	115 000	④	
4412 M	184	108	12	7...14	42	5,3	■	3,8	3 300	-20...+75	65 000 / 25 000	110 000	⑤	
4412 N	205	121	12	7...14	46	5,6	■	5,3	3 650	-20...+70	62 500 / 30 000	105 000	⑥	
4414 L3	100	59	24	12...28	26	4,0	■	1,0	1 800	-20...+80	75 500 / 22 500	127 500	①	
4414 LL	124	73	24	12...28	33	4,5	■	1,6	2 250	-20...+80	70 000 / 22 500	117 500	②	
4414 L	150	88	24	18...28	37	5,0	■	2,4	2 700	-20...+80	67 500 / 22 500	115 000	③	
4414 ML	168	99	24	12...28	40	5,1	■	3,2	3 000	-20...+80	67 500 / 22 500	115 000	④	
4414 M	184	108	24	18...28	42	5,3	■	4,1	3 300	-20...+75	65 000 / 25 000	110 000	⑤	
4414 N	205	121	24	18...28	46	5,6	■	5,4	3 650	-20...+70	62 500 / 30 000	105 000	⑥	
4418 L	150	88	48	36...60	37	5,0	■	2,5	2 700	-20...+75	67 500 / 27 500	115 000	③	
4418 ML	168	99	48	36...60	40	5,1	■	3,2	3 000	-20...+75	67 500 / 27 500	115 000	④	
4418 M	184	108	48	36...60	42	5,3	■	4,2	3 300	-20...+70	65 000 / 32 500	110 000	⑤	
4418 N	205	121	48	36...60	46	5,6	■	5,4	3 650	-20...+70	62 500 / 30 000	105 000	⑥	

Subject to alternations

Further variants can be found on page 59.

