

DC Axial Fans

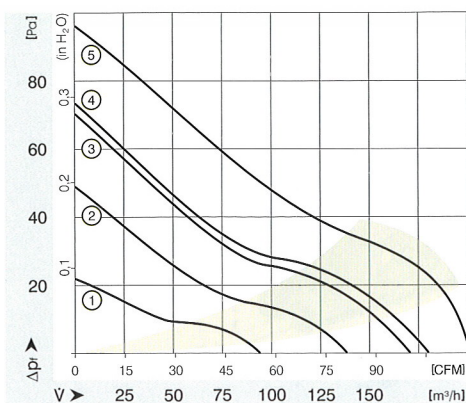
Series 4300 119 x 119 x 32 mm



- DC fans with electronically commutated external rotor motor. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- Electrical connection via leads AWG 22, TR 64. Stripped and tinned ends.
- Mass 220 g.

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Nominal Data	Air Flow	Air Flow	Nominal Voltage	Voltage Range	Noise		Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at 40 °C	at t _{max}	Curve	Specials
Type	m³/h	CFM	V DC	V DC	dB(A)	Bel	□/■	Watt	min ⁻¹	°C	Hours	Hours		P. 83-88
4312 GL	95	55.9	12	6...15	30	4.3	□	1.2	1 550	-20...+75	80 000 / 35 000	1		
4312 L	95	55.9	12	6...15	30	4.3	■	1.2	1 550	-20...+75	80 000 / 35 000	1	/12; /17	
4312 GM	140	82.4	12	6...15	39	5.3	□	2.6	2 300	-20...+75	70 000 / 30 000	2		
4312 M	140	82.4	12	6...15	39	5.3	■	2.6	2 300	-20...+75	70 000 / 30 000	2	/12	
4312 G	170	100.1	12	6...15	45	5.8	□	5.0	2 800	-20...+75	62 500 / 27 500	3		
4312	170	100.1	12	6...15	45	5.8	■	5.0	2 800	-20...+75	62 500 / 27 500	3	/2; /19	
4312-143	180	105.9	12	6...15	47	6.1	■	5.8	3 000	-20...+75	57 500 / 25 000	4		
4312-179	204	120.1	12	6...13.2	51	6.4	■	8.5	3 400	-20...+75	47 500 / 20 000	5		
4314 L	95	55.9	24	12...28	30	4.3	■	1.2	1 550	-20...+75	80 000 / 35 000	1		
4314 M	140	82.4	24	12...28	39	5.3	■	2.6	2 300	-20...+75	70 000 / 30 000	2		
4314 G	170	100.1	24	12...28	45	5.8	□	5.0	2 800	-20...+75	62 500 / 27 500	3	/2	
4314	170	100.1	24	12...28	45	5.8	■	5.0	2 800	-20...+75	62 500 / 27 500	3	/2; /12; /17	
4314-147	180	105.9	24	12...28	47	6.1	■	5.8	3 000	-20...+75	57 500 / 25 000	4		
4314-180	204	120.1	24	12...26.5	51	6.4	■	9.5	3 400	-20...+75	45 000 / 20 000	5		
4318 M	140	82.4	48	36...56	39	5.3	■	3.5	2 300	-20...+75	70 000 / 30 000	2	/2; /17	
4318 G	170	100.1	48	36...53	45	5.8	□	5.0	2 800	-20...+75	62 500 / 27 500	3	/2	
4318	170	100.1	48	36...53	45	5.8	■	5.0	2 800	-20...+75	62 500 / 27 500	3	/2; /12; /17	



Rotor protrusion max. 0.4 mm

