DC Axial Fans

Series 6200 N 172 Ø x 55 mm

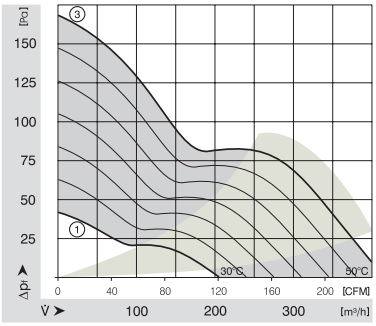


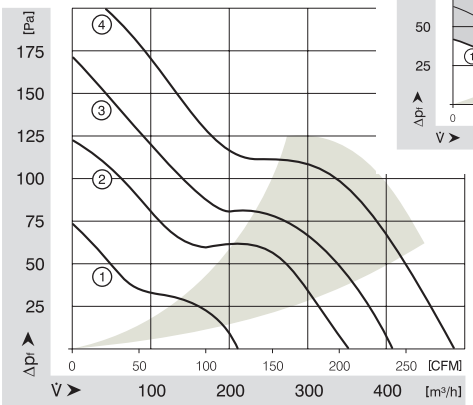
- DC fans with electronically commutated external rotor motor. Fully integrated commutation electronics. With electronic protection against reverse polarity and blocking; electronic motor current limitation in the start-up phase and when rotor is blocked.
- Metal fan housing, impeller of fibre-glass reinforced plastic PA.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via 2 flat pins 3 x 0.5 mm. Housing with ground lug M4 for M4 x 8 screws.
- Mass 820 g.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

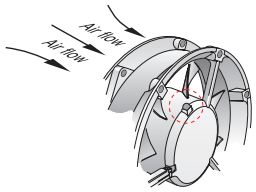
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Nominal Data	Air Flow	Air Flow	Nominal Voltage	Voltage Range	Noise		Sintec-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L_{10} at 40 °C	at t_{max}	Curve	Specials
Type	**m³/h**	**CFM**	**V DC**	**V DC**	**dB(A)**	**Bel**	**□ / ■**	**Watt**	**min⁻¹**	**°C**	**Hours**	**Hours**		**P.**
6212 NM	350	206.0	**12**	8...15	50	5.7	■	12.0	2 850	-20...+72	80 000 / 37 500		2	
6224 NM	350	206.0	**24**	12...32	50	5.7	■	12.0	2 850	-20...+72	80 000 / 37 500		2	81/88
6224 N	410	241.3	**24**	12...28	55	6.1	■	18.0	3 400	-20...+72	75 000 / 35 000		3	79/88
6224 NH	480	282.5	**24**	12...28	61	6.9	■	26.0	4 000	-20...+55*	70 000 / 50 000		4	88
6248NL	205	120.7	**48**	28...60	35	4.5	■	4.0	1 700	-20...+72	86 000 / 40 000		1	88
6248 NM	350	206.0	**48**	28...60	50	5.7	■	11.5	2 850	-20...+72	80 000 / 37 500		2	88
6248 N	410	241.3	**48**	28...60	55	6.1	■	17.0	3 400	-20...+72	75 000 / 35 000		3	79/81/88
6248 NH	480	282.5	**48**	36...56	61	6.9	■	26.0	4 000	-20...+55*	70 000 / 50 000		4	88
Variofan – DC fans with temperature-dependent speed control														
30°C 50°C 6224 NT	205 410	120.7 241.3	**24**	12...28	35 55	4.5 6.1	■	8.5 18.0	1 700 3 400	-10...+72	77 500 / 35 000		1 4	88
30°C 50°C 6248 NT	205 410	120.7 241.3	**48**	28...60	35 55	4.5 6.1	■	8.5 17.0	1 700 3 400	-10...+72	77 500 / 35 000		1 4	81/88

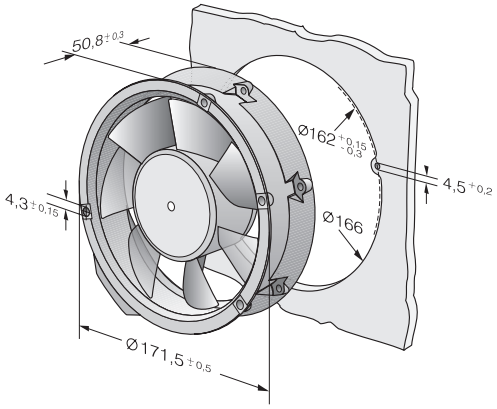
* 72 °C upon request







Temperature sensor (NTC-resistor) for controlling the motor speed is positioned directly in the air flow.



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