

# 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.

ebm-papst St. Georgen

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 <sub>10</sub> at 40 °C	at t <sub>max</sub>	Curve	Specials
Type	m³/h	CFM	V DC	V DC	dB(A)	Bel	□/■	Watt	min <sup>-1</sup>	°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		
<b>Variofan – DC fans with temperature-dependent speed control</b>															
30°C 50°C	6224 NT	205	120.7	24	12...28	35	4.5	■	8.5	1 700	-10...+72	77 500 / 35 000	1	88	
		410	241.3												55
30°C 50°C	6248 NT	205	120.7	48	28...60	35	4.5	■	8.5	1 700	-10...+72	77 500 / 35 000	1	81/88	
		410	241.3												55

\* 72 °C upon request

