

DC Axial Fans

Series 4200 N 119 x 119 x 38 mm



- DC fans with electronically commutated external rotor motor. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via 2 leads AWG 22, TR 64. Stripped and tinned ends.
- Mass 230 g.

ebm-papst St. Georgen

Nominal Data	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		Curve	Specials
	m ³ /h	CFM								V DC	V DC		
4212 NGL	100	58.9	12	7...14.5	28	4.3	1.4	1 700	-20...+70	80 000 / 40 000	1		
4212 NL	100	58.9	12	7...14.5	28	4.3	1.1	1 700	-20...+70	80 000 / 40 000	1		
4212 NGML	127	74.7	12	7...14.5	35	4.8	2.3	2 150	-20...+70	70 000 / 35 000	2		
4212 NML	127	74.7	12	7...14.5	35	4.8	1.9	2 150	-20...+70	70 000 / 35 000	2		
4212 NGM	144	84.8	12	7...14.5	38	5.1	3.1	2 450	-20...+70	70 000 / 35 000	3		
4212 NM	144	84.8	12	7...14.5	38	5.1	2.8	2 450	-20...+70	70 000 / 35 000	3		
4212 NGN	165	97.1	12	7...14.5	42	5.4	4.3	2 750	-20...+70	60 000 / 30 000	4	79	
4212 NN	165	97.1	12	7...14.5	42	5.4	4.0	2 750	-20...+70	60 000 / 30 000	4		
4212 NH	180	105.9	12	7...14.5	45	5.7	4.8	3 050	-20...+70	60 000 / 30 000	5	79	
4212 NHH	205	120.7	12	7...14.5	49	6.1	7.5	3 500	-20...+60	50 000 / 30 000	6		
4214 NGL	100	58.9	24	12...28	28	4.3	1.4	1 700	-20...+70	80 000 / 40 000	1		
4214 NL	100	58.9	24	12...28	28	4.3	1.2	1 700	-20...+70	80 000 / 40 000	1		
4214 NGML	127	74.7	24	12...28	35	4.8	2.3	2 150	-20...+70	70 000 / 35 000	2		
4214 NML	127	74.7	24	12...28	35	4.8	1.9	2 150	-20...+70	70 000 / 35 000	2		
4214 NGM	144	84.8	24	12...28	38	5.1	3.1	2 450	-20...+70	70 000 / 35 000	3		
4214 NM	144	84.8	24	12...28	38	5.1	2.6	2 450	-20...+70	70 000 / 35 000	3		
4214 NGN	165	97.1	24	12...28	42	5.4	4.3	2 750	-20...+70	60 000 / 30 000	4	79	
4214 NN	165	97.1	24	12...28	42	5.4	3.6	2 750	-20...+70	60 000 / 30 000	4		
4214 NH	180	105.9	24	12...28	45	5.7	4.8	3 050	-20...+70	60 000 / 30 000	5	79	
4214 NHH	205	120.7	24	12...28	49	6.1	7.5	3 500	-20...+70	50 000 / 25 000	6		
4218 NGN	165	97.1	48	36...56	42	5.4	4.0	2 750	-20...+70	60 000 / 30 000	4	79	
4218 NN	165	97.1	48	36...56	42	5.4	3.6	2 750	-20...+70	60 000 / 30 000	4		
4218 NH	180	105.9	48	36...56	45	5.7	4.8	3 050	-20...+70	60 000 / 30 000	5	79	

