

# DC Axial Fans

Series 8400 N 80 x 80 x 25 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 leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 95 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 <sub>10</sub> at 40 °C		Curve	Specials
	m³/h	CFM									V DC	V DC		
8412 NGL	33	19.4	12	8...15	12	3.5	□	0.5	1 500	-20...+85	80 000 / 27 500	1	78	
8412 NLE	33	19.4	12	8...15	17	3.7	■	0.3	1 500	-20...+85	80 000 / 27 500	1		
8412 NGMLE	45	26.5	12	8...15	19	3.9	□	0.9	2 050	-20...+80	80 000 / 32 500	2		
8412 NMLE	45	26.5	12	8...15	21	4.0	■	0.6	2 050	-20...+85	80 000 / 27 500	2		
8412 NGME	58	34.1	12	8...15	26	4.3	□	1.4	2 600	-20...+75	80 000 / 35 000	3	78	
8412 NME	58	34.1	12	8...15	27	4.4	■	1.0	2 600	-20...+75	80 000 / 35 000	3		
8412 NG	69	40.6	12	8...15	32	4.7	□	2.0	3 100	-20...+70	70 000 / 35 000	4	78	
8412 N	69	40.6	12	8...15	32	4.7	■	2.0	3 100	-20...+70	70 000 / 35 000	4	78/80	
8412 NH	79	46.5	12	8...13.2	37	5.0	■	2.2	3 600	-20...+70	70 000 / 35 000	5	78/80	
8412 NH-217	79	46.5	12	8...15	37	5.0	■	2.4	3 600	-20...+70	70 000 / 35 000	5		
8414 NGL	33	19.4	24	18...28	12	3.5	□	0.7	1 500	-20...+70	80 000 / 40 000	1	78	
8414 NL	33	19.4	24	18...28	17	3.7	■	0.7	1 500	-20...+70	80 000 / 40 000	1		
8414 NGML	45	26.5	24	18...28	19	3.9	□	1.1	2 050	-20...+70	80 000 / 40 000	2		
8414 NML	45	26.5	24	18...28	21	4.0	■	1.1	2 050	-20...+70	80 000 / 40 000	2		
8414 NGM	58	34.1	24	18...28	26	4.3	□	1.4	2 600	-20...+70	80 000 / 40 000	3	78	
8414 NM	58	34.1	24	18...28	27	4.4	■	1.4	2 600	-20...+70	80 000 / 40 000	3		
8414 NG	69	40.6	24	18...28	32	4.7	□	2.0	3 100	-20...+70	70 000 / 35 000	4	78	
8414 N	69	40.6	24	18...28	32	4.7	■	2.0	3 100	-20...+70	70 000 / 35 000	4	78	
8414 NH	79	46.5	24	18...26	37	5.0	■	2.4	3 600	-20...+70	70 000 / 35 000	5	78	
8414 NH-221	79	46.5	24	18...28	37	5.0	■	3.2	3 600	-20...+70	70 000 / 35 000	5		

