

DC Axial Fans

Series 3400 N 92 x 92 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 100 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		Curve	Specials
	m ³ /h	CFM								Hours	Hours		
Type	m ³ /h	CFM	V DC	V DC	dB(A)	Bel	□/■	Watt	min ⁻¹	°C	Hours	Hours	P. 83/90
3412 NGL	61	35.9	12	8...15	23	4.0	□	1.1	1 950	-20...+80	80 000 / 30 000	1	/2
3412 NLE	61	35.9	12	8...15	23	4.0	■	0.8	1 950	-20...+85	80 000 / 27 500	1	
3412 NGME	72	42.4	12	8...15	28	4.3	□	1.6	2 300	-20...+75	75 000 / 32 500	2	/2
3412 NME	72	42.4	12	8...15	28	4.3	■	1.1	2 300	-20...+75	75 000 / 32 500	2	/2
3412 NG	84	49.4	12	8...15	32	4.7	□	2.2	2 700	-20...+70	70 000 / 35 000	3	/2
3412 N	84	49.4	12	8...15	32	4.7	■	2.2	2 700	-20...+70	70 000 / 35 000	3	/2
3412 NGH	94	55.3	12	8...15	36	5.0	□	2.5	3 000	-20...+70	70 000 / 35 000	4	
3412 NH	94	55.3	12	8...15	36	5.0	■	2.5	3 000	-20...+70	70 000 / 35 000	4	/2, /39
3412 NGHH	102	60.0	12	8...13.2	39	5.1	□	3.2	3 250	-20...+60	70 000 / 45 000	5	/2
3412 NHH	102	60.0	12	8...13.2	39	5.1	■	3.2	3 250	-20...+60	70 000 / 45 000	5	/2
3412 NHH-379	102	60.0	12	8...15	39	5.1	■	2.7	3 250	-20...+70	70 000 / 35 000	5	
3414 NGL	61	35.9	24	18...28	23	4.0	□	1.4	1 950	-20...+70	80 000 / 40 000	1	
3414 NL	61	35.9	24	18...28	23	4.0	■	1.4	1 950	-20...+70	80 000 / 40 000	1	
3414 NGM	72	42.4	24	18...28	28	4.3	□	1.8	2 300	-20...+70	75 000 / 37 500	2	
3414 NM	72	42.4	24	18...28	28	4.3	■	1.8	2 300	-20...+70	75 000 / 37 500	2	
3414 NG	84	49.4	24	18...28	32	4.7	□	2.3	2 700	-20...+70	70 000 / 35 000	3	
3414 N	84	49.4	24	18...28	32	4.7	■	2.3	2 700	-20...+70	70 000 / 35 000	3	/2
3414 NGH	94	55.3	24	18...26	36	5.0	□	3.0	3 000	-20...+70	70 000 / 35 000	4	/2
3414 NH	94	55.3	24	18...26	36	5.0	■	3.0	3 000	-20...+70	70 000 / 35 000	4	/39
3414 NGHH	102	60.0	24	18...26	39	5.1	□	3.2	3 250	-20...+70	70 000 / 35 000	5	
3414 NGHH-389	102	60.0	24	18...28	39	5.1	□	3.2	3 250	-20...+70	70 000 / 35 000	5	
3414 NHH	102	60.0	24	18...26	39	5.1	■	3.2	3 250	-20...+70	70 000 / 35 000	5	
3414 NHH-386	102	60.0	24	18...28	39	5.1	■	3.2	3 250	-20...+70	70 000 / 35 000	5	
3418 N	84	13.5	48	36...56	32	4.7	■	2.4	2 700	-20...+70	70 000 / 35 000	3	

another 48 V DC on request.

