

max. 102 m³/h

DC axial fans

Series 3400 N 92 x 92 x 25 mm



Highlights:

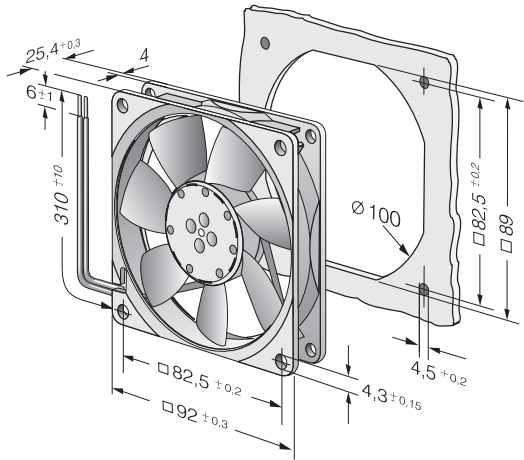
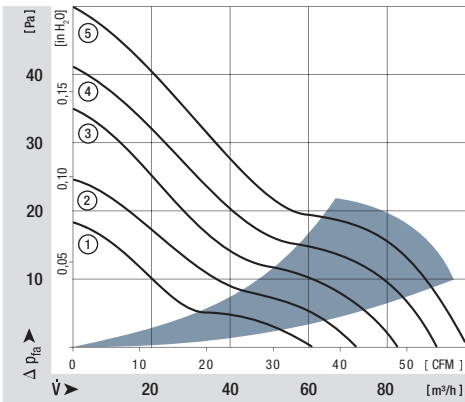
- Ball bearings and sleeve bearings available.
- Some models suitable for use at high ambient temperatures up to 85 °C.

General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 24, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 100 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings	Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (40 °C)	Service life L ₁₀ (T _{max})	Life expectancy L ₁₀ Δ	Curve	Specials
Type		m³/h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■		Watts	RPM	°C	Hours	Hours	Hours		P. 110/118
3412 NGLE		61	35,9	12	8...15	23	4,0	□		1,1	1 950	-20...+80	80 000 / 30 000	160 000	160 000	1	
3412 NLE		61	35,9	12	8...15	23	4,0	■		0,8	1 950	-20...+85	80 000 / 27 500	160 000	160 000	1	
3412 NGME		72	42,4	12	8...15	28	4,3	□		1,6	2 300	-20...+75	75 000 / 32 500	150 000	150 000	2	
3412 NME		72	42,4	12	8...15	28	4,3	■		1,1	2 300	-20...+75	75 000 / 32 500	150 000	150 000	2	/2
3412 NG		84	49,4	12	8...15	32	4,7	□		2,2	2 700	-20...+70	70 000 / 35 000	140 000	140 000	3	/2
3412 N		84	49,4	12	8...15	32	4,7	■		2,2	2 700	-20...+70	70 000 / 35 000	140 000	140 000	3	/2
3412 NGH		94	55,3	12	8...15	36	5,0	□		2,5	3 000	-20...+70	70 000 / 35 000	140 000	140 000	4	
3412 NH		94	55,3	12	8...15	36	5,0	■		2,5	3 000	-20...+70	70 000 / 35 000	140 000	140 000	4	/39
3412 NGHh		102	60,0	12	8...13,2	39	5,1	□		3,2	3 250	-20...+60	70 000 / 45 000	150 000	150 000	5	/2
3412 NHH		102	60,0	12	8...13,2	39	5,1	■		2,9	3 250	-20...+60	70 000 / 45 000	150 000	150 000	5	/2
3412 NHH-379		102	60,0	12	8...15	39	5,1	■		2,7	3 250	-20...+70	70 000 / 35 000	140 000	140 000	5	
3414 NGL		61	35,9	24	18...28	23	4,0	□		1,4	1 950	-20...+70	80 000 / 40 000	160 000	160 000	1	
3414 NL		61	35,9	24	18...28	23	4,0	■		1,4	1 950	-20...+70	80 000 / 40 000	160 000	160 000	1	
3414 NGM		72	42,4	24	18...28	28	4,3	□		1,8	2 300	-20...+70	75 000 / 37 500	150 000	150 000	2	
3414 NM		72	42,4	24	18...28	28	4,3	■		1,8	2 300	-20...+70	75 000 / 37 500	150 000	150 000	2	
3414 NG		84	49,4	24	18...28	32	4,7	□		2,3	2 700	-20...+70	70 000 / 35 000	140 000	140 000	3	
3414 N		84	49,4	24	18...28	32	4,7	■		2,3	2 700	-20...+70	70 000 / 35 000	140 000	140 000	3	/2
3414 NGH		94	55,3	24	18...26	36	5,0	□		3,0	3 000	-20...+70	70 000 / 35 000	140 000	140 000	4	/2
3414 NH		94	55,3	24	18...26	36	5,0	■		3,0	3 000	-20...+70	70 000 / 35 000	140 000	140 000	4	
3414 NGHh		102	60,0	24	18...26	39	5,1	□		3,2	3 250	-20...+70	70 000 / 35 000	140 000	140 000	5	/2
3414 NGHh-389		102	60,0	24	18...28	39	5,1	□		3,2	3 250	-20...+70	70 000 / 35 000	140 000	140 000	5	
3414 NHH		102	60,0	24	18...26	39	5,1	■		2,7	3 250	-20...+70	70 000 / 35 000	140 000	140 000	5	/39
3414 NHH-386		102	60,0	24	18...28	39	5,1	■		2,7	3 250	-20...+70	70 000 / 35 000	140 000	140 000	5	
3418 N		84	49,4	48	36...56	32	4,7	■		2,4	2 700	-20...+70	70 000 / 35 000	140 000	140 000	3	

Other 48 VDC models on request.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ebm-papst:](#)

[3412](#) [3414](#) [3412GM](#) [3412NL](#) [3412L](#) [3414L](#) [3414H](#) [3414M](#) [3418N/2HH](#)