max. 102 m^3/h

DC axial fans

Series 3400 N 92 x 92 x 25 mm



Highlights:

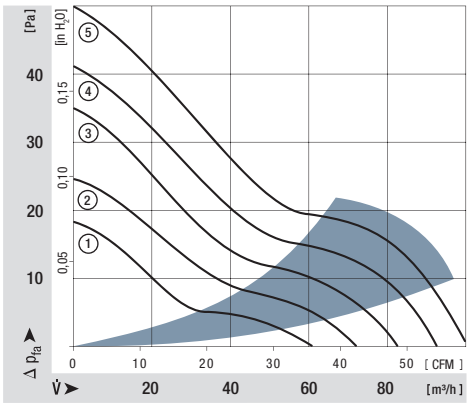
- Ball bearings and sleeve bearings available.
- Some models suitable for use at high ambient temperatures up to 85 °C.

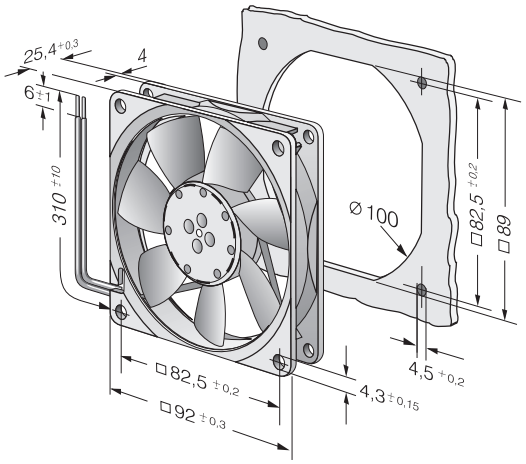
General characteristics:

- 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	Sintec sleeve bearings □ / Ball bearings ■	Power input	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst Standard	Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy $L_{10\Delta}$ (40 °C) see P. 15	Curve	Specials
Type	**m^3/h**	**CFM**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□/■	**Watts**	**RPM**	**°C**	**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	1	
3412 NLE	61	35,9	**12**	8...15	23	4,0	■	0,8	1 950	-20...+85	80 000 / 27 500		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	2	
3412 NME	72	42,4	**12**	8...15	28	4,3	■	1,1	2 300	-20...+75	75 000 / 32 500		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	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	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	4	
3412 NH	94	55,3	**12**	8...15	36	5,0	■	2,5	3 000	-20...+70	70 000 / 35 000		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	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	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	5	
3414 NGL	61	35,9	**24**	18...28	23	4,0	□	1,4	1 950	-20...+70	80 000 / 40 000		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	1	
3414 NGM	72	42,4	**24**	18...28	28	4,3	□	1,8	2 300	-20...+70	75 000 / 37 500		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	2	
3414 NG	84	49,4	**24**	18...28	32	4,7	□	2,3	2 700	-20...+70	70 000 / 35 000		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	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	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	4	
3414 NGHH	102	60,0	**24**	18...26	39	5,1	□	3,2	3 250	-20...+70	70 000 / 35 000		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	5	
3414 NHH	102	60,0	**24**	18...26	39	5,1	■	2,7	3 250	-20...+70	70 000 / 35 000		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	5	
3418 N	84	49,4	**48**	36...56	32	4,7	■	2,4	2 700	-20...+70	70 000 / 35 000		140 000	3	

Other 48 VDC models on request.





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