

MEGAFAN

THE NEW FAN GENERATION

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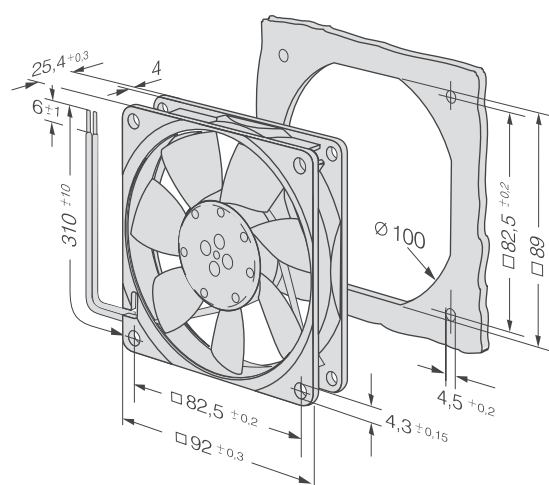
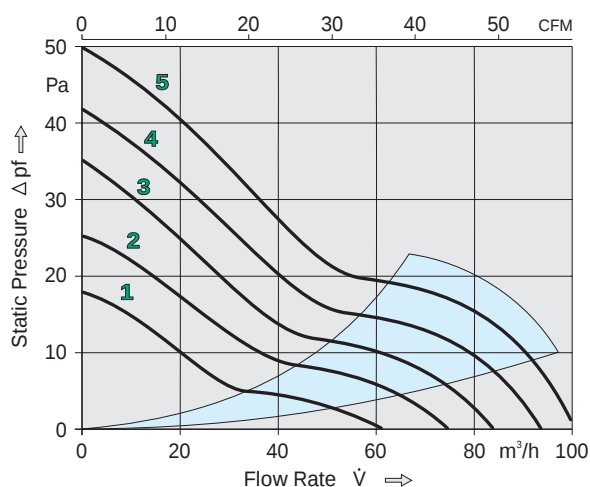
- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading; partially impedance protected.

- 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.

SERIES 3400 N

92x92x25mm

Air flow		Nominal Voltage		Noise		Sinter Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)	bels	○/●	Watt	min ⁻¹	°C	Hours	Hours		
61	35.9	12	8...15	23	4.0	○	1.2	1950	-20...+70	80 000 / 40 000		1	3412 NGL
61	35.9	12	8...15	23	4.0	●	1.2	1950	-20...+70	80 000 / 40 000		1	3412 NL
72	42.4	12	8...15	28	4.3	○	1.6	2300	-20...+70	75 000 / 37 500		2	3412 NGM
72	42.4	12	8...15	28	4.3	●	1.6	2300	-20...+70	75 000 / 37 500		2	3412 NM
84	49.4	12	8...15	32	4.7	○	2.2	2700	-20...+70	70 000 / 35 000		3	3412 NG
84	49.4	12	8...15	32	4.7	●	2.2	2700	-20...+70	70 000 / 35 000		3	3412 N
94	55.3	12	8...15	36	5.0	○	3.0	3000	-20...+70	70 000 / 35 000		4	3412 NGH
94	55.3	12	8...15	36	5.0	●	3.0	3000	-20...+70	70 000 / 35 000		4	3412 NH
102	60.0	12	8...15	39	5.1	○	3.2	3250	-20...+70	70 000 / 35 000		5	3412 NGHH
102	60.0	12	8...15	39	5.1	●	3.2	3250	-20...+70	70 000 / 35 000		5	3412 NHH
61	35.9	24	18...28	23	4.0	○	1.4	1950	-20...+70	80 000 / 40 000		1	3414 NGL
61	35.9	24	18...28	23	4.0	●	1.4	1950	-20...+70	80 000 / 40 000		1	3414 NL
72	42.4	24	18...28	28	4.3	○	1.8	2300	-20...+70	75 000 / 37 500		2	3414 NGM
72	42.4	24	18...28	28	4.3	●	1.8	2300	-20...+70	75 000 / 37 500		2	3414 NM
84	49.4	24	18...28	32	4.7	○	2.3	2700	-20...+70	70 000 / 35 000		3	3414 NG
84	49.4	24	18...28	32	4.7	●	2.3	2700	-20...+70	70 000 / 35 000		3	3414 N
94	55.3	24	18...28	36	5.0	○	3.0	3000	-20...+70	70 000 / 35 000		4	3414 NGH
94	55.3	24	18...28	36	5.0	●	3.0	3000	-20...+70	70 000 / 35 000		4	3414 NH
102	60.0	24	18...28	39	5.1	○	3.2	3250	-20...+70	70 000 / 35 000		5	3414 NGHH
102	60.0	24	18...28	39	5.1	●	3.2	3250	-20...+70	70 000 / 35 000		5	3414 NHH



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- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading; partially impedance protected.

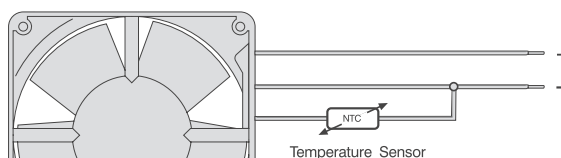
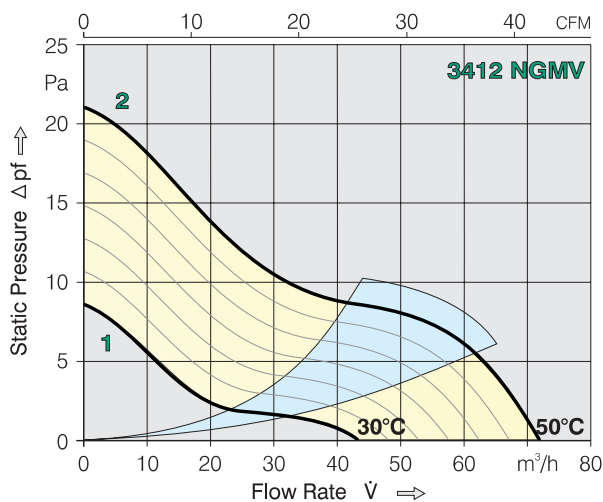
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends
- Mass 100 g.

SERIES 3400 N VARIOFAN

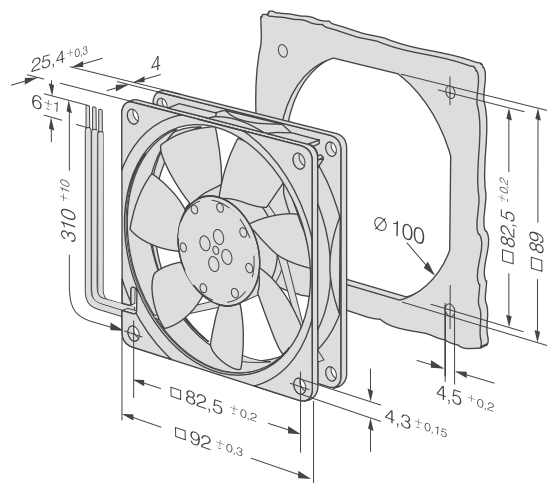
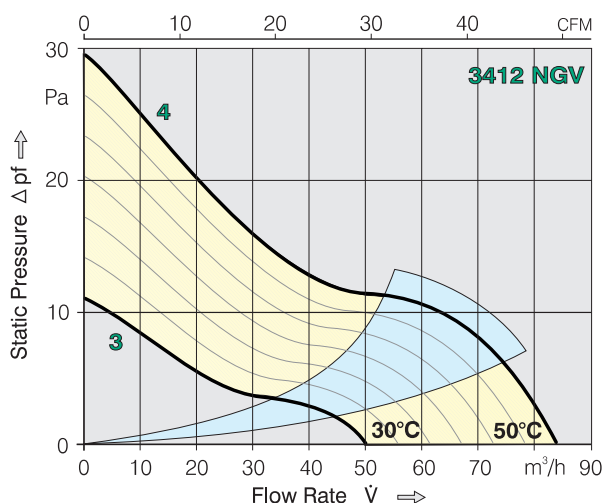
92x92x25 mm

Air flow		Air flow	Nominal Voltage	Voltage Range		Noise	Sinter-Sleeve Bearings	Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
m³/h		CFM	V DC	V DC	dB(A)	bels	○ / ●	Watt	min ⁻¹	°C	Hours	Hours			
30-50 °C	43	25.3	12	8...14	14	1)	○	1.4	1350	-20...+70	75 000 / 40 000	1	2		3412 NGMV
	72	42.4		28	4.3	1.8		2300							
30-50 °C	50	29.5	12	8...12.6	16	1)	○	1.9	1600	-20...+70	75 000 / 40 000	3	4		3412 NGV
	84	49.4		32	4.7	2.4		2700							

1) not measurable



The temperature sensor for controlling the motor speed is not included in delivery. Temperature sensor LZ 370 see accessories page 76.



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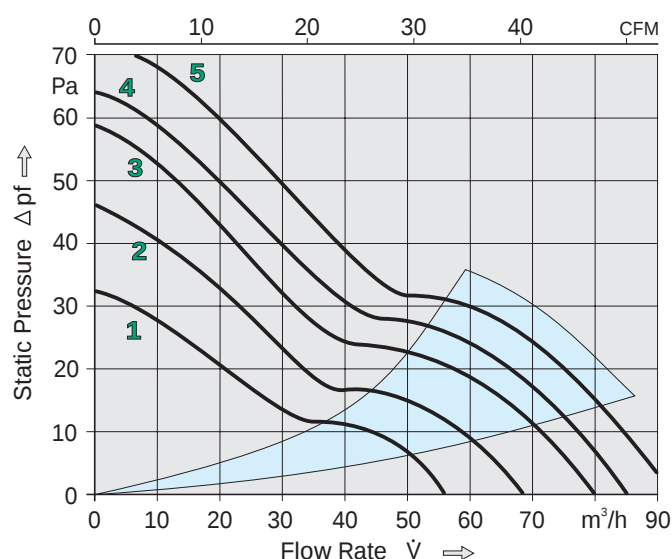
- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance-protected.

- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Electrical connection via 2 leads AWG 22, TR 64. Stripped and tinned ends
- Mass 190 g.

SERIES 3300

92x92x32mm

Air flow		Nominal Voltage		Noise		Sinter Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)	bels	○/●	Watt	min ⁻¹	°C	Hours	Hours		
56	33.0	12	6...15	29	4.5	○	1.4	2150	-20...+75	80 000 / 35 000		1	3312 GL
56	33.0	12	6...15	29	4.5	●	1.4	2150	-20...+75	80 000 / 35 000		1	3312 L
68	40.0	12	6...15	34	4.8	○	1.7	2600	-20...+75	70 000 / 30 000		2	3312 GM
68	40.0	12	6...15	34	4.8	●	1.7	2600	-20...+75	70 000 / 30 000		2	3312 M
80	47.1	12	6...15	37	5.2	○	2.4	3000	-20...+75	70 000 / 30 000		3	3312 G
80	47.1	12	6...15	37	5.2	●	2.4	3000	-20...+75	70 000 / 30 000		3	3312
93	54.7	12	6...15	43	5.7	●	3.5	3500	-20...+75	65 000 / 25 000		5	3312-177
80	47.1	24	12...28	37	5.2	○	2.4	3000	-20...+75	70 000 / 30 000		3	3314 G
80	47.1	24	12...28	37	5.2	●	2.4	3000	-20...+75	70 000 / 30 000		3	3314
85	50.0	24	12...28	40	5.4	●	3.0	3200	-20...+75	60 000 / 25 000		4	3314-140
80	47.1	48	36...56	37	5.2	●	2.7	3000	-20...+75	70 000 / 30 000		3	3318



Rotor protrusion max. 0.4 mm

