

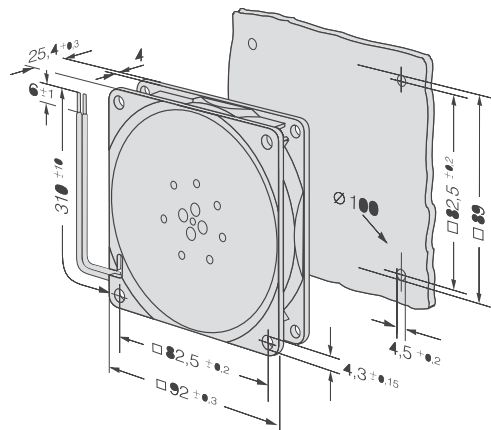
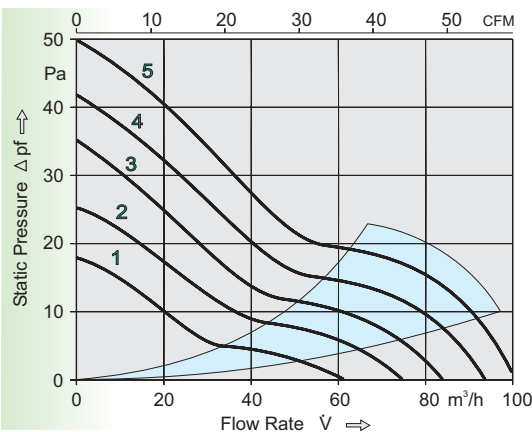


- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends
- Mass 100 g.

SERIES 3400N

92x92x25mm

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
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	3412NGL			
61	35.9	12	8...15	23	4.0	●	1.2	1950	-20...+70	80 000 / 40 000	1	3412NL			
72	42.4	12	8...15	28	4.3	∅	1.6	2300	-20...+70	75 000 / 37 500	2	3412NGM			
72	42.4	12	8...15	28	4.3	●	1.6	2300	-20...+70	75 000 / 37 500	2	3412NM			
84	49.4	12	8...15	32	4.7	∅	2.2	2700	-20...+70	70 000 / 35 000	3	3412NG			
84	49.4	12	8...15	32	4.7	●	2.2	2700	-20...+70	70 000 / 35 000	3	3412N			
94	55.3	12	8...15	36	5.0	●	3.0	3000	-20...+70	70 000 / 35 000	4	3412NH			
102	60.0	12	8...13,2	39	5.1	●	3.2	3250	-20...+60	70 000 / 35 000	5	3412NHH			
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	3414NGM			
72	42.4	24	18...28	28	4.3	●	1.8	2300	-20...+70	75 000 / 37 500	2	3414NM			
84	49.4	24	18...28	32	4.7	∅	2.3	2700	-20...+70	70 000 / 35 000	3	3414NG			
84	49.4	24	18...28	32	4.7	●	2.3	2700	-20...+70	70 000 / 35 000	3	3414N			
94	55.3	24	18...26	36	5.0	●	3.0	3000	-20...+70	70 000 / 35 000	4	3414NH			
102	60.0	24	18...26	39	5.1	●	3.2	3250	-20...+70	70 000 / 35 000	5	3414NHH			





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

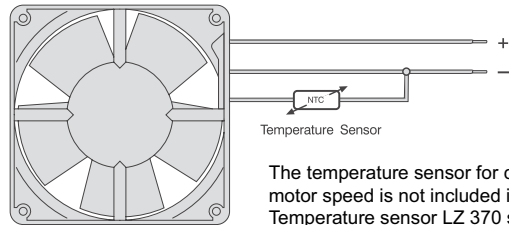
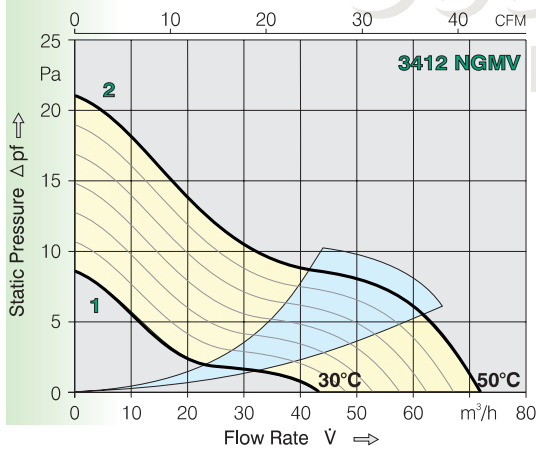
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends
- Mass 100 g.

SERIES 3400N VARIOFAN

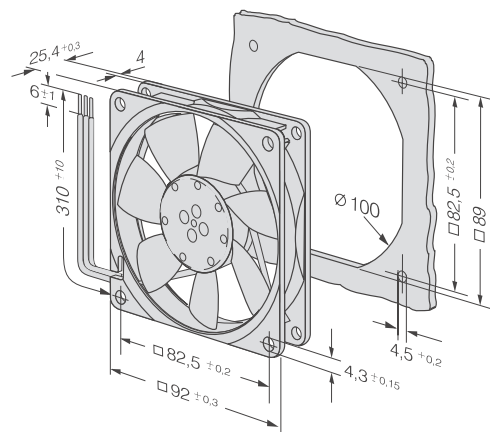
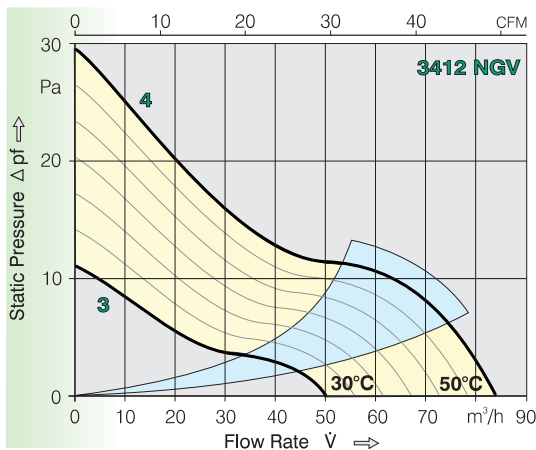
92x92x25 mm

	Air Flow		Nominal Voltage		Voltage Range		Noise		Sinter-Sleeve Bearings Ball Bearings		Power Input	Nominal Speed	Temperature Range	Service Life L ₅₀		Curve	Type
	m ³ /h	CFM	V DC	V DC	dB(A)	bels	/	●	Watt	min ⁻¹				°C	Hours		
30-50 °C	43	25.3	12	8...14	14	1) ¹⁾	○	1.4	1350	-20...+70	75000 / 40000	1	3412 NGMV				
	72	42.4			28	4.3	○	1.8	2300			2					
30-50 °C	50	29.5	12	8...12.6	16	1) ¹⁾	○	1.9	1600	-20...+70	75000 / 40000	3	3412 NGV				
	84	49.4			32	4.7	○	2.4	2700			4					

¹⁾ not measurable



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





- 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

92x92x32 mm

Air \square_{low}	Air \square_{low}	Nominal Voltage		Voltage Range		Noise		Sinter-Sleeve Bearings	Ball 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}	$^{\circ}C$	Hours	Hours				
56	33.0	12	6...15	29	4.5		○	1.4	2150	-20...+75	80 000 / 35 000	1	3312GL			
56	33.0	12	6...15	29	4.5		●	1.4	2150	-20...+75	80 000 / 35 000	1	3312L			
68	40.0	12	6...15	34	4.8		○	1.7	2600	-20...+75	70 000 / 30 000	2	3312GM			
68	40.0	12	6...15	34	4.8		●	1.7	2600	-20...+75	70 000 / 30 000	2	3312M			
80	47.1	12	6...15	37	5.2		○	2.4	3000	-20...+75	70 000 / 30 000	3	3312G			
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			

