

DC Axial Fans

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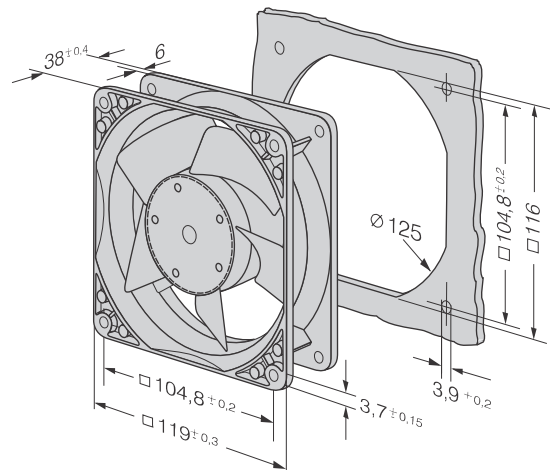
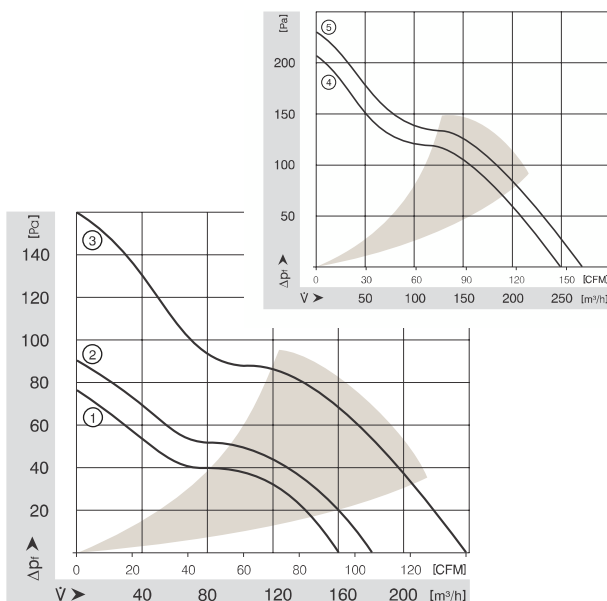
Series 4100 N, Type 4112 NHH 119 x 119 x 38 mm



- DC fans with electronically commutated external rotor motor. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Metal fan housing. Impeller of fibre-glass reinforced plastic PA. Housing with ground lug M4 for M4 x 8 screws.
- Air intake over struts. Rotational direction CW looking at rotor.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- Electrical connection via 2 flat pins 2,8 x 0,5 mm.
- Mass 390 g.

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Nominal Data	Air Flow	Air Flow	Nominal Voltage	Voltage Range	Noise	Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at 40 °C	at t _{max}	Curve
Type	m ³ /h	CFM	V DC	V DC	dB(A)	Bel	□/■	Watt	min ⁻¹	°C	Hours	Hours
4182 NGX	160	94.2	12	7...15	44	5.3	■	3.5	2 800	-10...+75	85 000 / 37 500	1
4182 NX	180	105.9	12	7...15	49	5.7	■	4.5	3 200	-30...+75	85 000 / 37 500	2
4182 NXH	237	139.5	12	7...14	59	6.5	■	11	4 400	-30...+55	70 000 / 50 000	2
4184 NGX	160	94.2	24	12...30	44	5.3	■	3.5	2 800	-10...+75	85 000 / 37 500	1
4184 NX	180	105.9	24	12...29	49	5.7	■	4.5	3 200	-30...+75	85 000 / 37 500	2
4184 NXH	237	139.5	24	12...25	59	6.5	■	11	4 400	-30...+55	70 000 / 50 000	3
4184 NXHH	250	147.1	24	12...25	60	6.7	■	12.2	4 900	-30...+55	70 000 / 52 500	4
4188 NXM	160	94.2	48	36...56	44	5.3	■	3.5	2 800	-30...+75	85 000 / 37 500	1
Programmable fan Vario-Pro (electr. connection via leads)												
4112 NHH	270	158.9	12	11...13	64	7.0	■	15.5	5 000	-20...+50	70 000 / 55 000	5
4114 NHH	270	158.9	24	18...26.4	64	7.0	■	15.5	5 000	-20...+60	70 000 / 52 500	5
4118 NHH	270	158.9	48	44...52	64	7.0	■	15.5	5 000	-10...+55	70 000 / 52 500	5



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