

max. 440 m<sup>3</sup>/h

# DC Axial Fans

Series 4100 N High Performance 119 x 119 x 38 mm



### Highlights:

- Highly stable characteristic curve for high air flow with high back pressure.
- Low operating noise at high back pressure.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

### General characteristics:

- Material: aluminium housing, fiberglass-reinforced PA impeller; housing with grounding lug for screw M4 x 8 (Torx).
- Fully integrated electronic commutation.
- Protected against reverse polarity and blocking.
- Electrical connection via single leads AWG 22, UL1007, TR 64, bared and tin-plated
- Air intake over struts. Rotational direction CCW looking at rotor.
- Mass: 390 g.

Nominal Data	Air Flow		Nominal Voltage	Voltage Range	Noise	Sound Power	Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L <sub>10</sub> (40 °C) ebm-papst-Standard	Service Life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst-Standard	Life expectancy L <sub>10</sub> Δ (40 °C)	Curve	Specials
	m <sup>3</sup> /h	CFM													
4112 NHH	260	152.9	12	9...15	60	6.8	■	15.5	5 000	-20...+65	70 000 / 55 000	147 500	1		
4112 NH3	310	182.4	12	9...15	65	7.2	■	19.5	6 000	-20...+65	65 000 / 37 500	132 500	2	/2	
4112 NH4	355	208.9	12	9...14	67	7.4	■	32.0	6 800	-20...+65	62 500 / 35 000	125 000	3	/2	
4114 NHH	260	152.9	24	16...30	60	6.8	■	12.5	5 000	-20...+65	70 000 / 52 500	147 500	1		
4114 NH3	310	182.4	24	16...30	65	7.2	■	19.5	6 000	-20...+65	65 000 / 37 500	132 500	2	/2	
4114 NH4	355	208.9	24	16...30	67	7.4	■	30.0	6 800	-20...+65	62 500 / 35 000	125 000	3	/2	
4114 NH5	390	229.5	24	16...30	70	7.6	■	45.0	7 500	-20...+65	62 500 / 35 000	125 000	4	/2	
4114 NH6	440	259.0	24	16...30	73	8.1	■	60.0	8 400	-20...+65	62 500 / 35 000	125 000	5	/2	
4118 NHH	260	152.9	48	36...60	60	6.8	■	15.5	5 000	-20...+65	70 000 / 52 500	147 500	1		
4118 NH3	310	182.4	48	36...60	65	7.2	■	19.5	6 000	-20...+65	65 000 / 37 500	132 500	2	/2	
4118 NH4	355	208.9	48	36...60	67	7.4	■	28.0	6 800	-20...+65	62 500 / 35 000	125 000	3	/2	
4118 NH5	390	229.5	48	36...60	70	7.6	■	42.0	7 500	-20...+65	62 500 / 35 000	125 000	4	/2	
4118 NH6	440	259.0	48	36...60	73	8.1	■	55.0	8 400	-20...+65	62 500 / 35 000	125 000	5	/2	

