

Max. 170 m³/h

DC axial fans

□ 119 x 32 mm



- Material: Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- Direction of air flow: Exhaust over struts
- Direction of rotation: Clockwise, looking towards rotor
- Connection: Via single wires AWG 22, TR 64
- Highlights: Speed automatically adjusted to cooling requirement
- Weight: 220 g
- Possible special versions: (See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - Alarm with speed limit
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Moisture protection

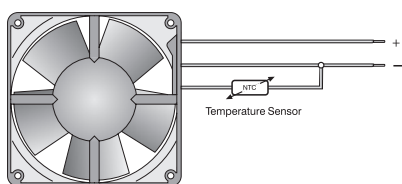
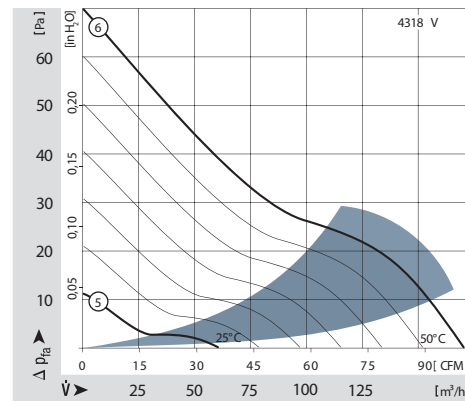
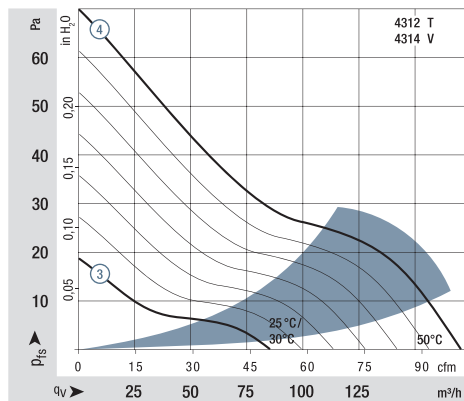
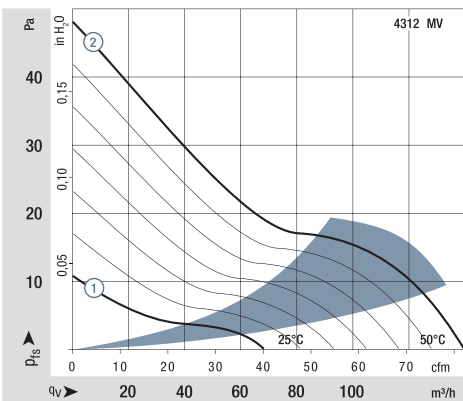
1) Fiberglass-reinforced plastic

Series 4300 VARIOFAN

Nominal data

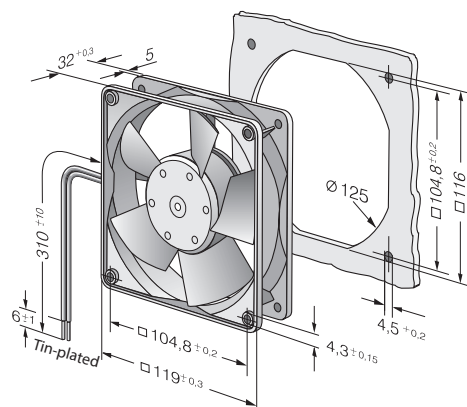
Type	Air flow m ³ /h	Air flow cfm	Nominal voltage VDC	Voltage range VDC	Sound pressure level dB(A)	Sound power level Bel(A)	Sinter sleeve bearings Ball bearings	Power consumption Watts	Nominal speed rpm ⁻¹	Temperature range °C	Service life t_0 (40 °C) ebm-papst standard Hours	Service life t_0 (T _{max}) ebm-papst standard Hours	Life expectancy $L_{10\Delta}$ (40 °C) see p. 15 Hours	Curve
25°C 50°C 4312 MT	65 138	38 81	12	8...15	25 39	3.9 5.3	■	1.1 3.3	1 100 2 300	-20...+65	70 000 / 40 000		117 500	① ②
25°C 50°C 4312 T	85 170	50 100	12	8...13.2	29 45	4.2 5.8	■	1.7 5.0	1 400 2 800	-20...+65	65 000 / 35 000		110 000	③ ④
30°C 50°C 4314 T	85 170	50 100	24	18...32	29 45	4.2 5.8	■	1.6 4.8	1 400 2 800	-20...+65	65 000 / 35 000		110 000	③ ④
30°C 50°C 4318 V	61 170	36 100	48	40...53	21 45	- 5.8	■	2.6 5.4	1 000 2 800	-20...+65	65 000 / 35 000		110 000	⑤ ⑥

Subject to change



The temperature sensor for controlling the motor speed is not included in the scope of delivery.
For the temperature sensor LZ 370, see accessories.

Rotor protrusion max. 0.4 mm.



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[4318V](#) [4314T](#) [4318/17V](#)