

Max. 170 m<sup>3</sup>/h

# DC axial fans

□ 119 x 32 mm



- Material: Housing: GRP<sup>1)</sup> (PBT)  
Impeller: GRP<sup>1)</sup> (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

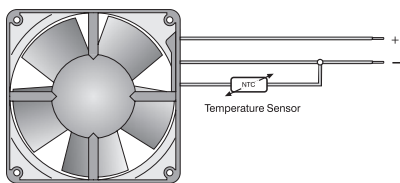
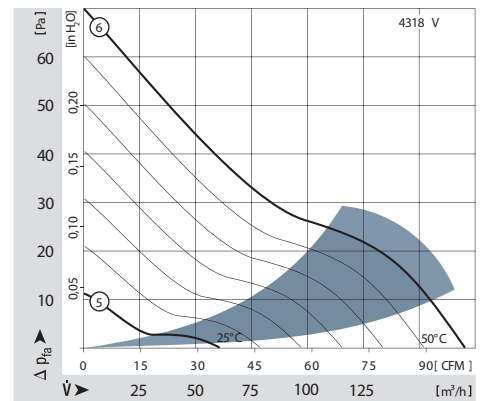
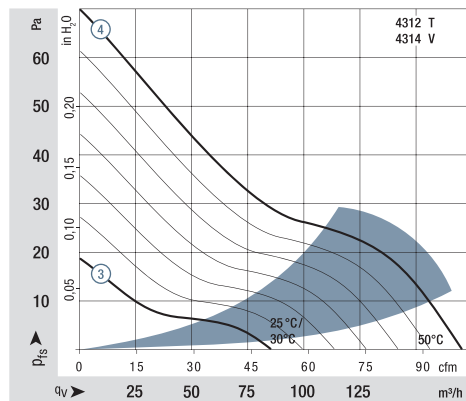
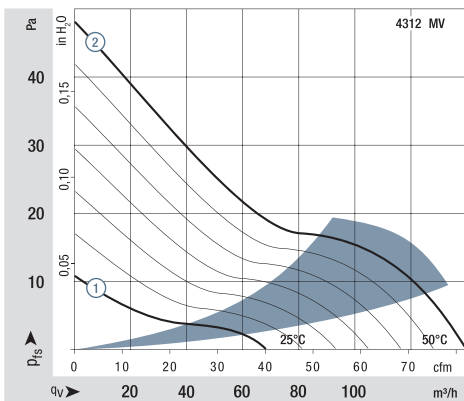
1) Fiberglass-reinforced plastic

## Series 4300 VARIOFAN

### Nominal data

Type	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	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) see P. 15	Curve
	m <sup>3</sup> /h	cfm												
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.

