

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

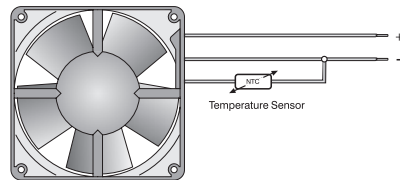
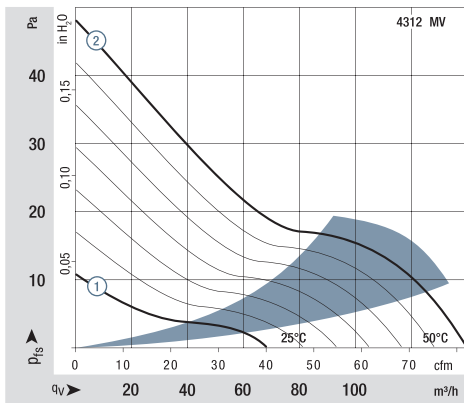
1) Fiberglass-reinforced plastic

Series 4300  
VARIOFAN

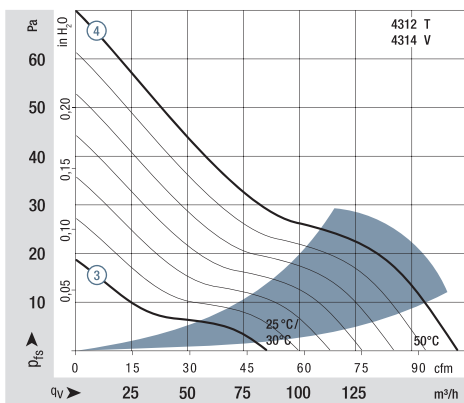
**Nominal data**

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)	Service life L <sub>10</sub> (T <sub>max</sub> )	Life expectancy L <sub>10</sub> (IPC)	Curve
	m <sup>3</sup> /h	cfm	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	rpm <sup>-1</sup>	°C	Hours	Hours	Hours	Hours	Hours	Hours	
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		

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.



Air performance measured according to: ISO 5801. Installation category A, without contact protection. Noise: Total sound power level L<sub>WA</sub> ISO 103002 measured on a hemisphere with a radius of 2 m. Sound pressure level L<sub>pA</sub> measured at 1 m distance from fan axis. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the parameters must be checked after installation! For detailed information see <http://www.ebmpapst.com/general-conditions>

Rotor protrusion max. 0.4 mm.

