Max. 170 m³/h

DC axial fans

☐ 119 x 32 mm



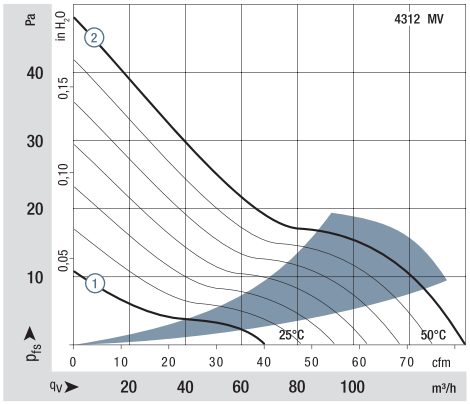
- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via single wires AWG 22, TR 64
- **Highlights:** Speed automatically adjusted to cooling requirement
- **Weight:** 220 g

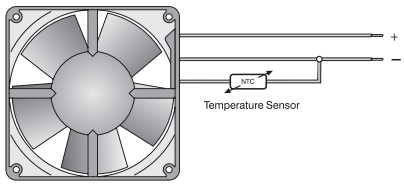
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection

1) Fiberglass-reinforced plastic

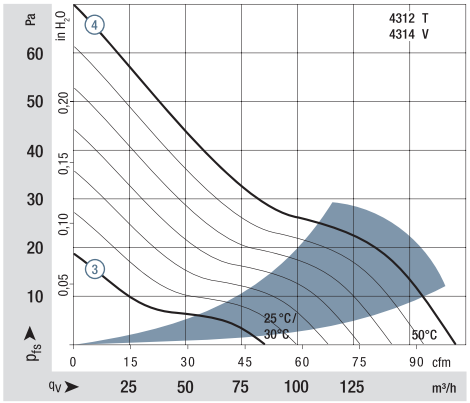
Series 4300 VARIOFAN **Nominal data**		Air flow	Air flow	**Nominal voltage**	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings ☐ / Ball bearings ■	Power consumption	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst standard Service life L_{10} (T_{max}) ebm-papst standard	Life expectancy L_{10IPC} (40 °C) see page 17	Curve
Type		**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	☐ / ■	**Watts**	**rpm⁻¹**	**°C**	**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_{WA} ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} 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.

