

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

# DC axial fans

Series 4300 119 x 119 x 32 mm

### Highlights:

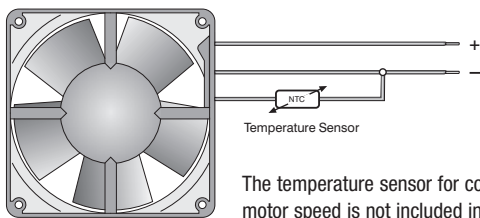
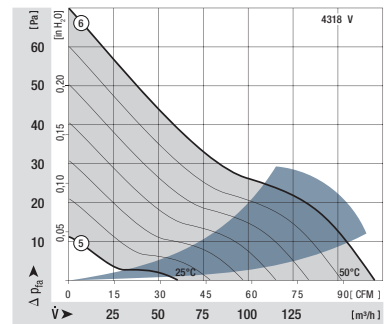
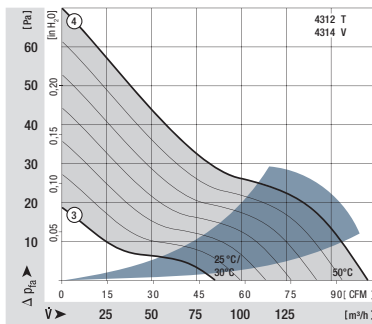
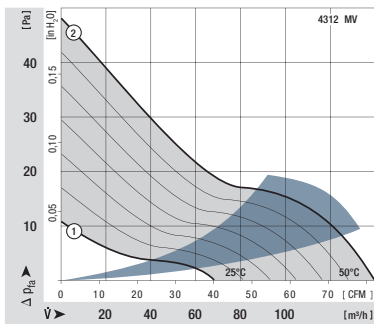
- Open loop speed control by means of external or internal temperature sensor.
- Automatic speed adjustment according to cooling requirements.

### General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation clockwise, seen on rotor.
- Mass: 220 g.



Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	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) see P. 15	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	RPM	°C	Hours	Hours		P. 114	
25°C 50°C	4312 MT	65 138	38,2 81,2	12	8...15	25 39	3,9 5,3	■	1,1 3,0	1 100 2 300	-20...+65	70 000 / 40 000	142 500		1 2	/17
25°C 50°C	4312 T	85 170	50,0 100,1	12	8...13,2	29 45	4,2 5,8	■	2,4 5,5	1 400 2 800	-20...+65	65 000 / 35 000	132 500		3 4	/17
30°C 50°C	4314 T	85 170	50,0 100,1	24	18...32	29 45	4,2 5,8	■	1,6 4,8	1 400 2 800	-20...+65	65 000 / 35 000	132 500		3 4	/17
25°C 50°C	4318 V	61 170	35,9 100,0	48	40...53	21 45	— 5,8	■	2,6 5,4	1 000 2 800	-20...+65	65 000 / 35 000	132 500		5 6	/17



The temperature sensor for controlling the motor speed is not included in delivery. Temperature sensor LZ 370 see accessories.

Rotor protrusion max. 0.4 mm.

