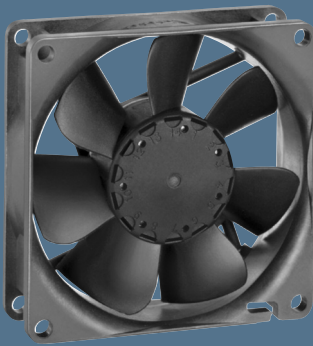


max. 58 m³/h

DC axial fans

Series 8400 N VARIOFAN 80 x 80 x 25 mm



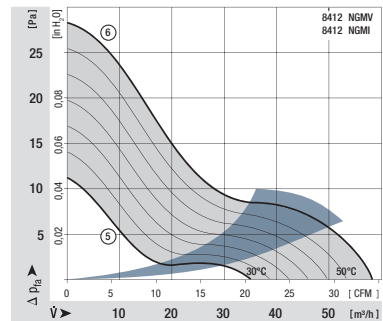
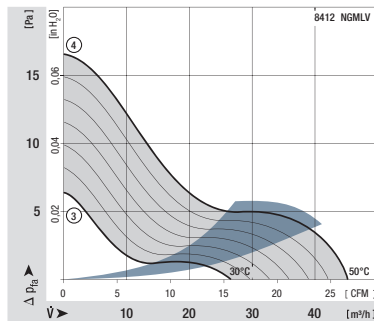
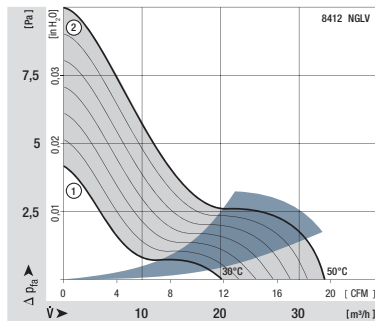
Highlights:

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

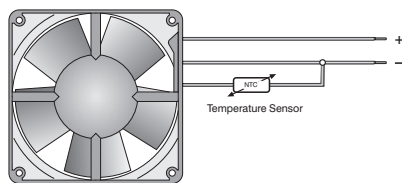
General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 24, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 95 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 ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ Δ (40 °C) see P. 15	Curve	Specials
Type		m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	RPM	°C	Hours	Hours		P. 117	
30°C 50°C	8412 NGLV	20 33	11,8 19,4	12	10...14	< 10 12	< 3 3,5	□	0,9 1,1	900 1 500	-20...+70	80 000 / 40 000	160 000	1 2		
30°C 50°C	8412 NGMLV	27 45	15,9 26,6	12	8...14	< 10 19	3,0 3,9	□	1,1 1,5	1 200 2 050	-20...+70	80 000 / 40 000	160 000	3 4	/37	
30°C 50°C	8412 NGMI	35 58	20,6 34,1	12	8...14	< 13 26	3,5 4,3	□	1,4 2,0	1 600 2 600	-20...+70	80 000 / 35 000	125 000	5 6		

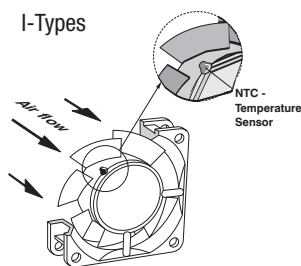


V-Types



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

I-Types



Temperature sensor (NTC-resistor) for controlling the motor speed is positioned directly in the air flow.

