

## Excellent Integrated System Limited

Stocking Distributor

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[ebm-papst Inc.](#)  
[8412NGMI](#)

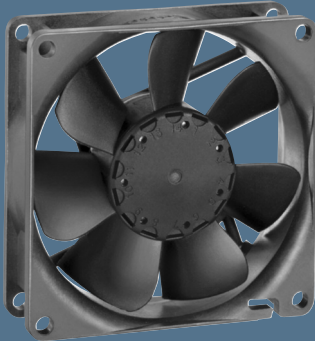
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

max. 58 m<sup>3</sup>/h

## DC axial fans

Series 8400 N VARIOFAN 80 x 80 x 25 mm



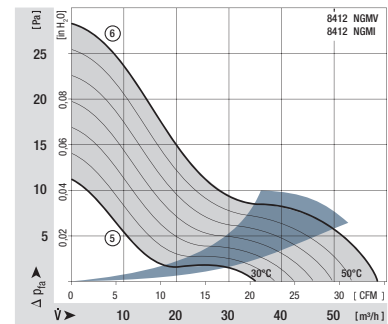
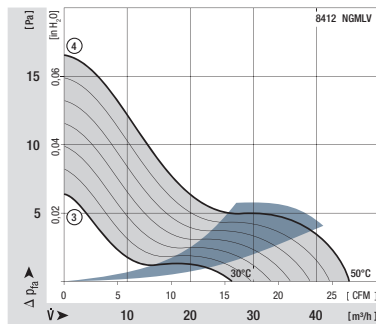
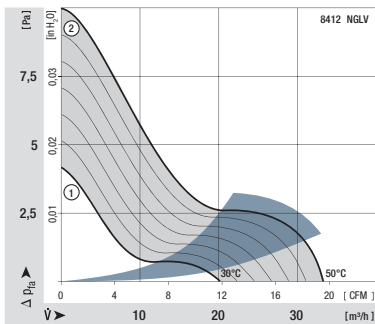
### Highlights:

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

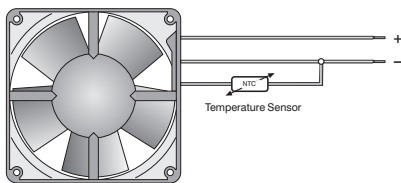
### General characteristics:

- 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 <sub>10</sub> (40 °C)	Service life L <sub>10</sub> (T <sub>max</sub> )	Life expectancy L <sub>10</sub> Δ	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■		Watts	RPM	°C	Hours	Hours	Hours	P. 117	
30°C 50°C	8412 NGLV	20	11,8	12	10...14	< 10	< 3	□		0,9	900	-20...+70	80 000 / 40 000	160 000		1	
		33	19,4			12	3,5			1,1	1 500						
30°C 50°C	8412 NGMLV	27	15,9	12	8...14	< 10	3,0	□		1,1	1 200	-20...+70	80 000 / 40 000	160 000		3	/37
		45	26,6			19	3,9			1,5	2 050						
30°C 50°C	8412 NGMI	35	20,6	12	8...14	< 13	3,5	□		1,4	1 600	-20...+70	80 000 / 35 000	125 000		5	
		58	34,1			26	4,3			2,0	2 600						

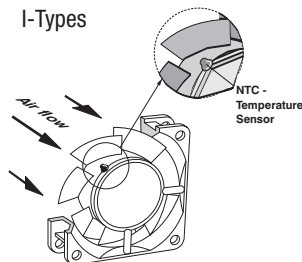


### V-Types



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.

