

Max. 41 m³/h

DC axial fans

□ 60 x 25 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via single wires AWG 22, TR 64
- **Highlights:** Automatic speed adjustment with temperature sensor
- **Weight:** 66 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - External temperature sensor
 - Internal temperature sensor
 - Moisture protection

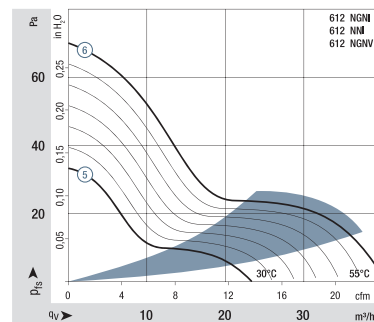
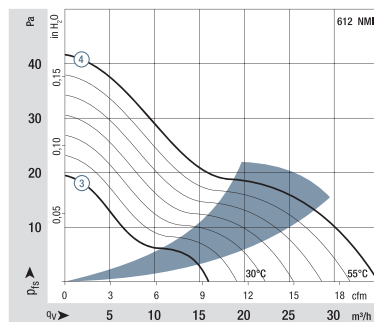
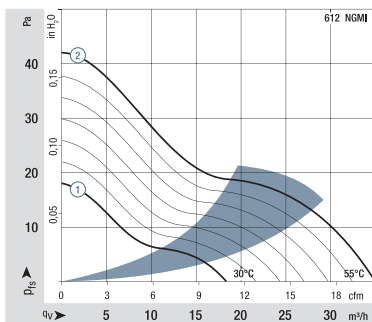
1) Fiberglass-reinforced plastic

Series 600 N VARIOFAN

Nominal data

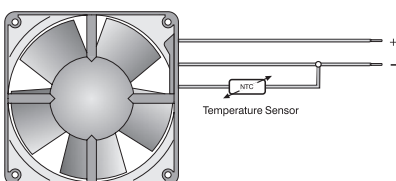
Series 600 N VARIOFAN		Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst standard	Service life L ₁₀ (T _{max}) ebm-papst standard	Life expectancy L ₁₀ IPC (40 °C) see page 17	Curve
		Nominal data													
Type		m³/h	cfm	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	rpm ⁻¹	°C	Hours	Hours		
30 °C 55 °C 612 NGMI		18	10.6	12	8...12.6	14	3.5	■	1.3	2 150	-20...+65	80 000 / 45 000	135 000	①	
		35	20.6			28	4.6		1.7	4 100				②	
30 °C 55 °C 612 NMI		16	9.4	12	8...12.6	16	3.6	■	1.0	2 400	-20...+65	80 000 / 45 000	135 000	③	
		35	20.6			28	4.6		1.4	4 100				④	
30 °C 55 °C 612 NGNI		23	13.5	12	8...12.6	18	3.8	■	1.7	2 900	-20...+65	70 000 / 40 000	117 500	⑤	
		41	24.1			35	5.0		2.4	5 100				⑥	
30 °C 55 °C 612 NNI		23	13.5	12	8...12.6	18	3.8	■	1.2	2 900	-20...+65	70 000 / 40 000	117 500	⑤	
		41	24.1			35	5.0		1.5	5 100				⑥	
30 °C 55 °C 612 NGNV		23	13.5	12	8...12.6	18	3.8	■	1.7	2 900	-20...+65	70 000 / 40 000	117 500	⑤	
		41	24.1			35	5.0		2.4	5 100				⑥	

Subject to change



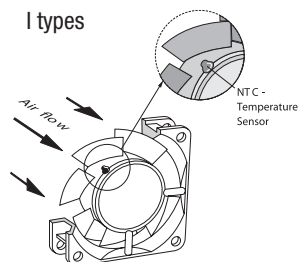
Air performance measured according to: ISO 5801. Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002 measured on half-sphere of 2 m; Sound pressure level L_{PA} measured at 1 m distance from fan axis.
The values given are applicable only under the specified 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

V types



The temperature sensor for controlling the motor speed is not included in the scope of delivery.
For the temperature sensor LZ 370, see accessories.

I types



The temperature sensor (NTC resistor) for controlling the motor speed is positioned in the fan hub directly in the air flow.

