

max. 41 m³/h

DC axial fans

□ 60 x 25 mm

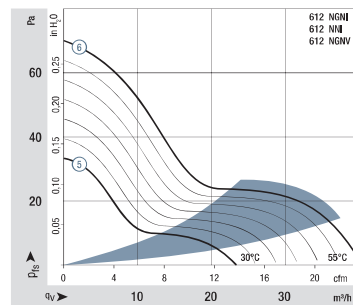
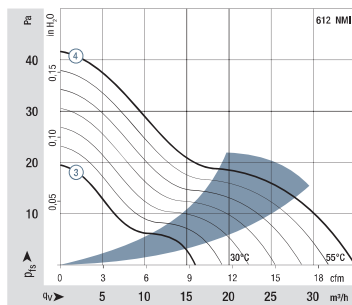
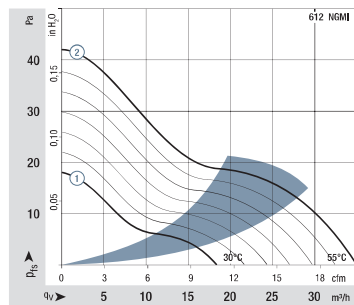


- Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- Direction of air flow:** Exhaust over struts
- Direction of rotation:** Clockwise, seen on rotor
- Connection:** Via single wires AWG 22, TR 64
- Highlights:** Automatic speed adjustment with temperature sensor
- Mass:** 66 g
- Possible special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

1) Fibreglass-reinforced plastic

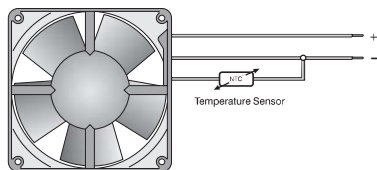
Series 600 N VARIOFAN		Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ (pC (40 °C) see page 17	Curve
Type		m³/h	cfm	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	rpm	°C	Hours	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					
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					
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					
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					
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					

Subject to alterations



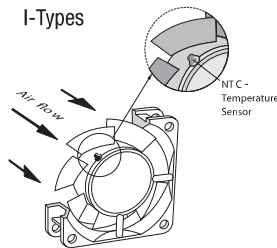
Air performance measured as per: ISO 5801, Installation category A, without accidental contact.
Noise: Total sound power level L_{WA} ISO 103002 measured on half-sphere of 2 m; Sound pressure level L_{pA} measured at 1 m distance to fan axis. The acoustic values are only valid for the described measurement set-up and may vary depending on the installation situation. In case of any deviation to the standard setup, the values have to be checked and reviewed once installed or fitted. For detailed information see <http://www.ebmpapst.com/general-conditions>

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.

