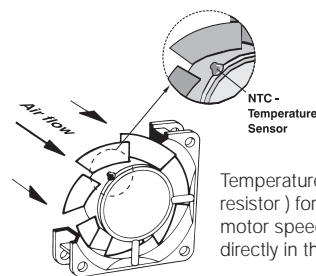
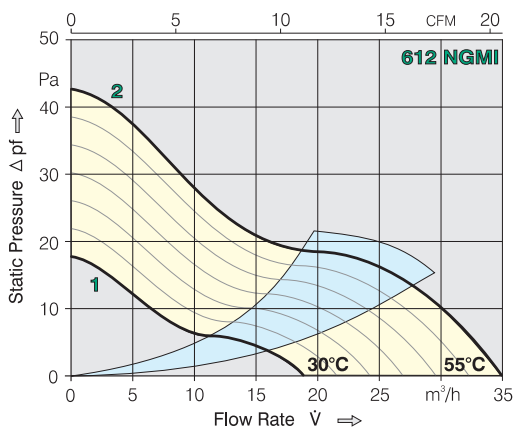


- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity and blocking.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Electrical connection via 2 leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 85 g.

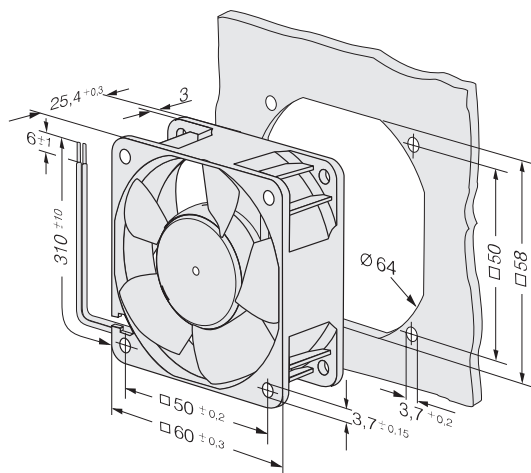
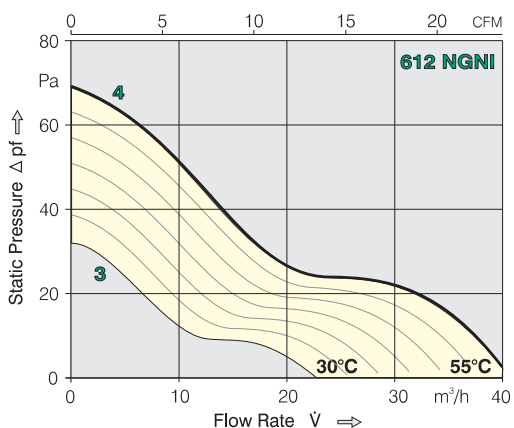
SERIES 600N VARIOFAN

60x60x25 mm

	Air flow		Nominal Voltage		Noise	Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
	m ³ /h	CFM	V DC	V DC						dB(A)	bels		
30-55 °C	18	10.6	12	8...12.6	—	—	1.3	2150	-20...+65	80000 / 40000		1	612NGMI
	35	20.6	12	8...12.6	28	4.6	1.6	4100					
30-55 °C	23	13.5	12	8...12.6	—	—	1.7	2900	-20...+65	70000 / 35000		3	612NGNI
	41	24.1	12	8...12.6	35	5.2	2.4	5100					

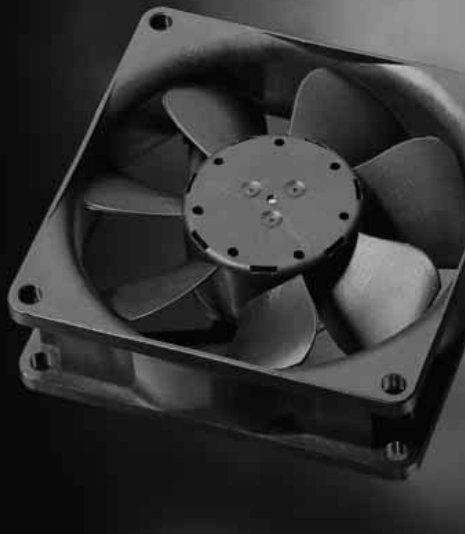


Versions with additional lead for connecting an external NTC-resistor upon request.



MEGAFAN

THE NEW FAN GENERATION



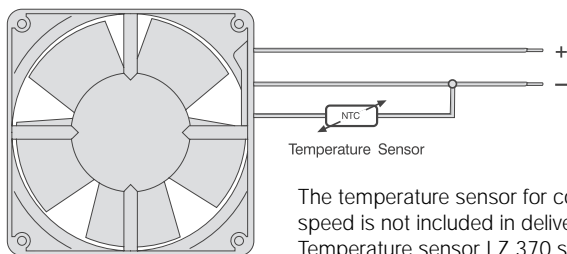
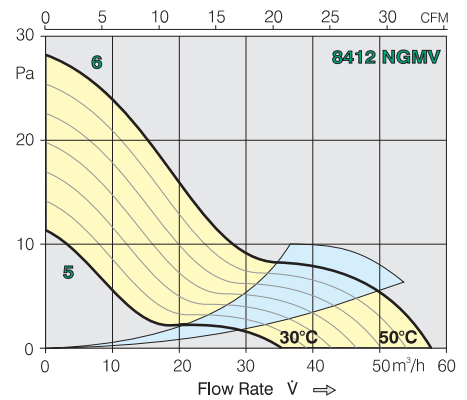
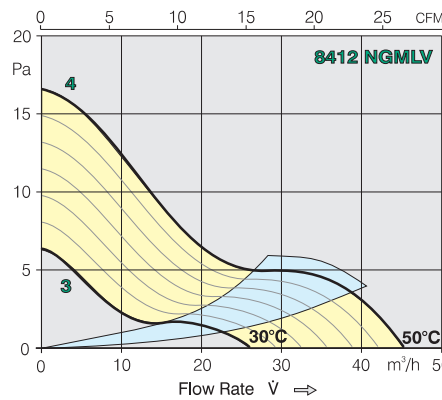
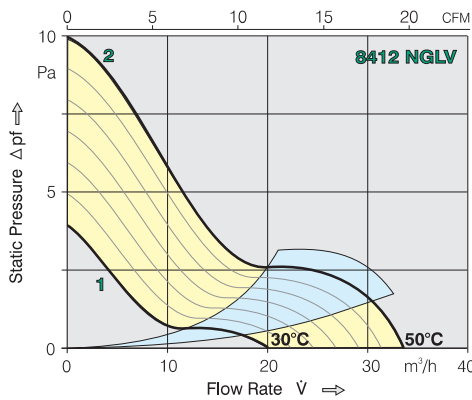
- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 95 g.

SERIES 8400N VARIOFAN

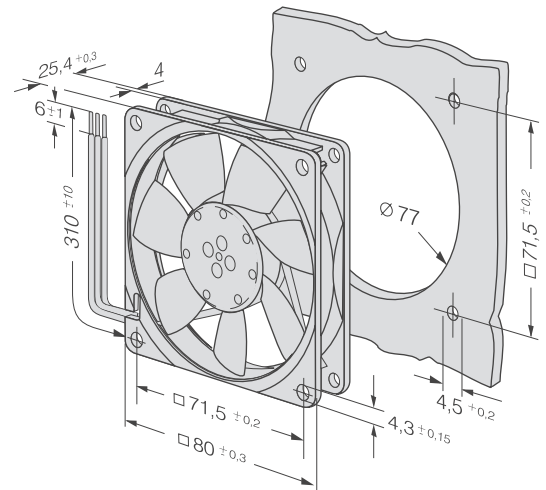
80x80x25 mm

	Air flow		Nominal Voltage		Noise		Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
	m ³ /h	CFM	V DC	V DC	dB(A)	bels					Hours	Hours		
30-50 °C	20	11.8	12	10...14	<10	¹⁾	○	0.6	900	-20...+70	80000 / 45000	1	8412NGLV	
	33	19.4			12	3.7	●	0.8	1500					
30-50 °C	27	15.9	12	8...14	<10	¹⁾	○	0.8	1200	-20...+70	80000 / 45000	3	8412NGMLV	
	45	26.5			19	4.4	●	1.1	2050					
30-50 °C	35	20.6	12	8...14	<13	¹⁾	○	1.2	1600	-20...+70	80000 / 40000	5	8412NGMV	
	58	34.1			26	4.7	●	1.5	2600					

¹⁾ not measurable

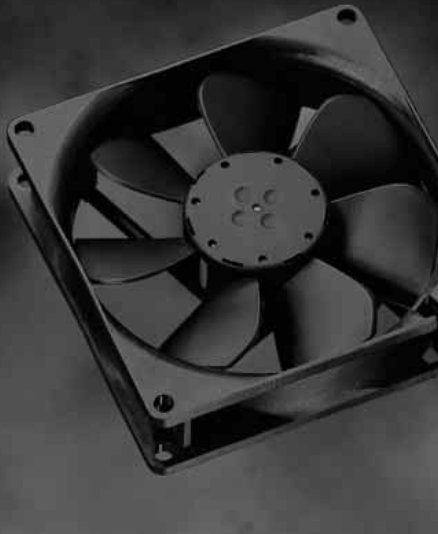


The temperature sensor for controlling the motor speed is not included in delivery. Temperature sensor LZ 370 see accessories page 76.



MEGAFAN

THE NEW FAN GENERATION



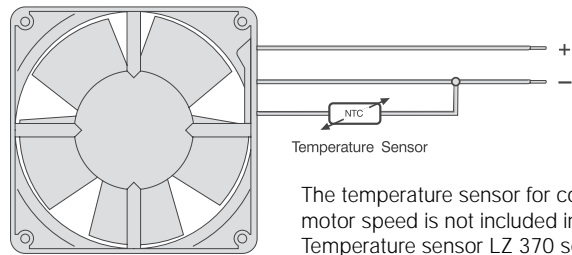
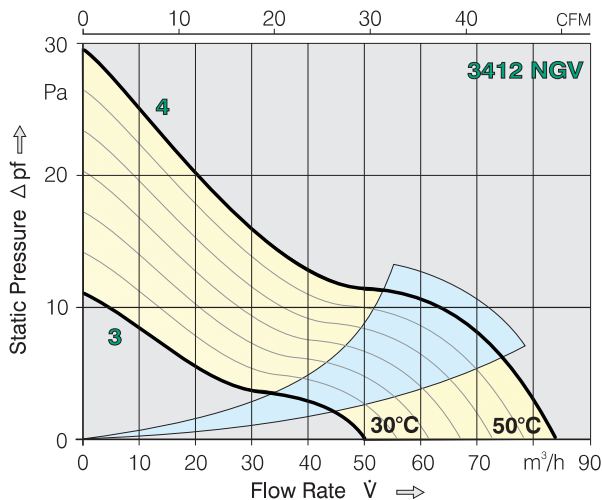
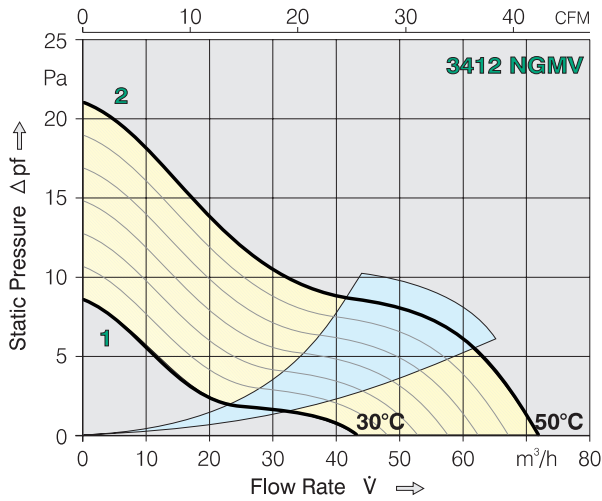
- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends
- Mass 100 g.

SERIES 3400N VARIOFAN

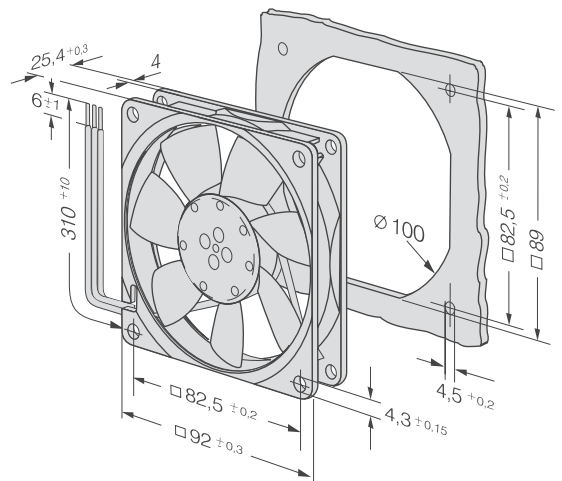
92x92x25 mm

	Air flow		Nominal Voltage		Noise		Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
	m ³ /h	CFM	V DC	V DC	dB(A)	bels					Hours	Hours		
30-50 °C	43	25.3	12	8...14	14	1) ¹⁾	○	1.4	1350	-20...+70	75000 / 40000	1	3412 NGMV	
	72	42.4			28	4.3		1.8	2300					
30-50 °C	50	29.5	12	8...12.6	16	1) ¹⁾	○	1.9	1600	-20...+70	75000 / 40000	3	3412 NGV	
	84	49.4			32	4.7		2.4	2700					

¹⁾ not measurable



The temperature sensor for controlling the motor speed is not included in delivery. Temperature sensor LZ 370 see accessories page 76.



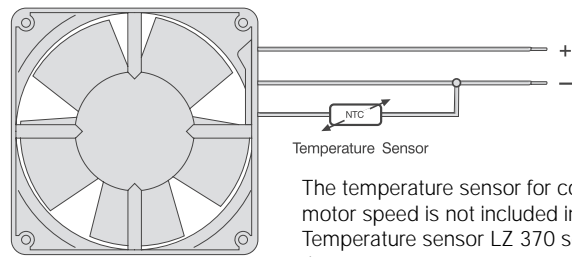
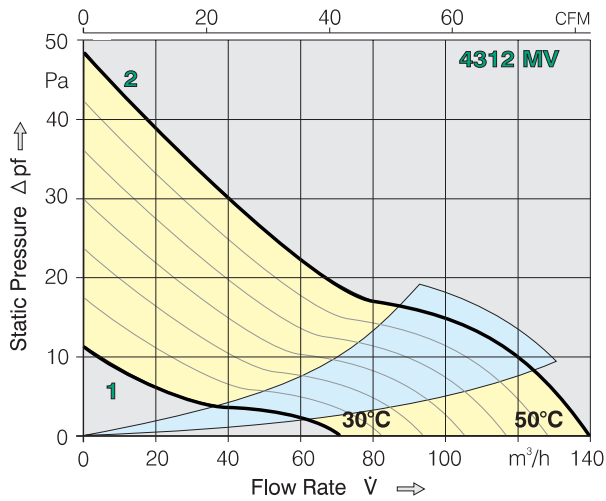


- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Electrical connection via 3 leads AWG 22, TR 64. Stripped and tinned ends
- Mass 220 g.

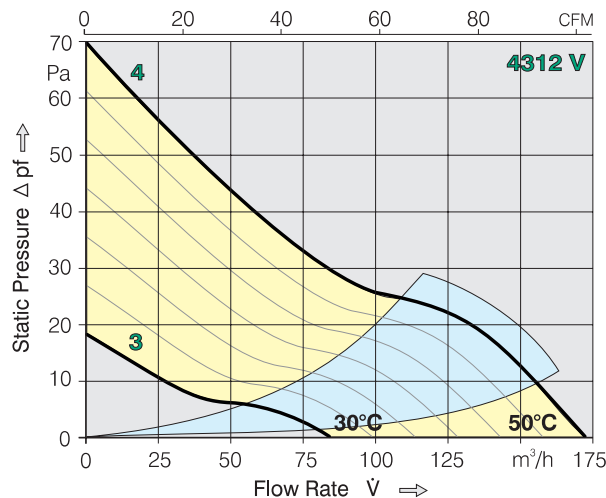
SERIES 4300 VARIOFAN

119x119x32mm

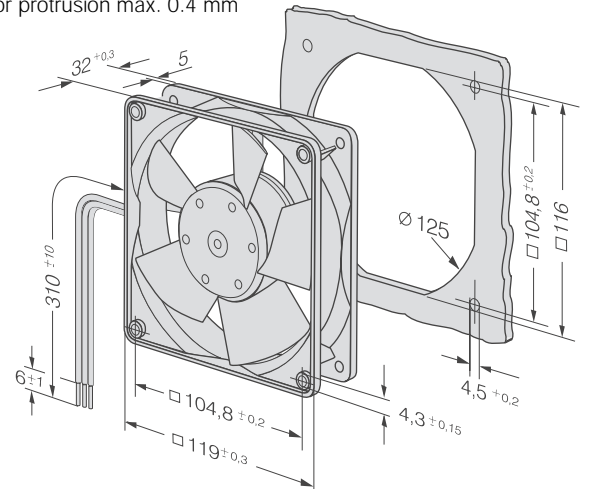
	Air flow		Nominal Voltage		Noise		Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at 40 °C		Curve	Type
	m ³ /h	CFM	V DC	V DC	dB(A)	bels					Hours	Hours		
30-50 °C	70	41.2	12	8...12.6	22	3.7	●	1.4	1 150	-20...+65	70000 / 37500	1	2	4312MV
	140	82.4			39	5.3		3.4	2300					
30-50 °C	85	50.0	12	8...12.6	29	4.2	●	1.8	1400	-20...+65	65000 / 35000	3	4	4312V
	170	100.0			45	5.8		5.4	2800					



The temperature sensor for controlling the motor speed is not included in delivery. Temperature sensor LZ 370 see accessories page 76.



Rotor protrusion max. 0.4 mm





- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics. With electronic protection against reverse polarity and blocking; electronic motor current limitation in the start-up phase and when rotor is blocked.

- Metal fan housing, impeller of fibre-glass reinforced plastic PA.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via 2 flat pins 3 x 0.5 mm. Housing with ground lug and screw M4 x 8 (TORX).
- Mass 780 g.

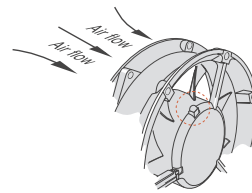
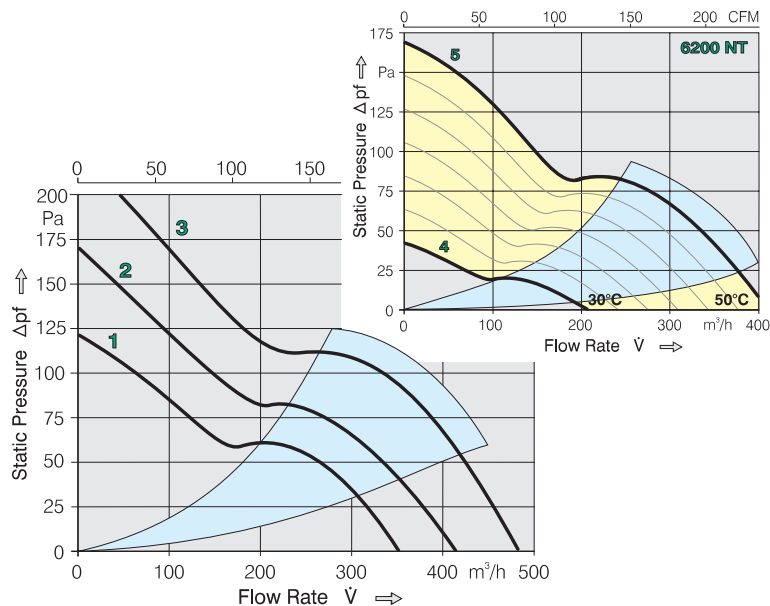
SERIES 6200 N

172Øx51 mm

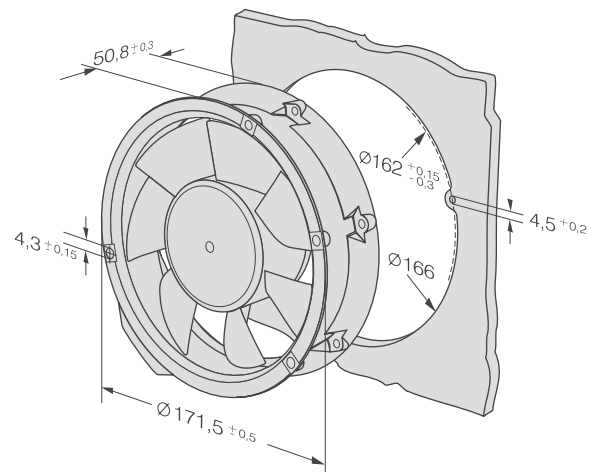
Air flow		Nominal Voltage		Noise		Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)	bels	○/●	Watt	min ⁻¹	°C	Hours	Hours		
350	206.0	12	8...15	50	5.7	●	12.0	2850	-20...+72	80000 / 37500		1	6212 NM
350	206.0	24	12...32	50	5.7	●	12.0	2850	-20...+72	80000 / 37500		1	6224 NM
410	241.3	24	12...28	55	6.1	●	18.0	3400	-20...+72	75000 / 35000		2	6224 N
480	282.5	24	12...28	61	6.9	●	26.0	4000	-20...+72	65000 / 30000		3	6224 NH
350	206.0	48	28...60	50	5.7	●	11.5	2850	-20...+72	80000 / 37500		1	6248 NM
410	241.3	48	28...60	55	6.1	●	17.0	3400	-20...+72	75000 / 35000		2	6248 N

Intelligent DC fans with temperature-dependent speed control

30-50 °C	205	120.6	24	12...28	35	4.5	●	8.5	1700	-10...+72	77500 / 35000	4	6224 NT
	410	241.3			55	6.1						18.0	
30-50 °C	205	120.6	48	28...60	35	4.5	●	8.5	1700	-10...+72	77500 / 35000	4	6248 NT
	410	241.3			55	6.1						17.0	



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





- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics. With electronic protection against reverse polarity and blocking; electronic motor current limitation in the start-up phase and when rotor is blocked.

- Metal fan housing, impeller of fibre-glass reinforced plastic PA.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via 2 flat pins 3 x 0.5 mm. Housing with ground lug and screw M4 x 8 (TORX).
- Mass 760 g.

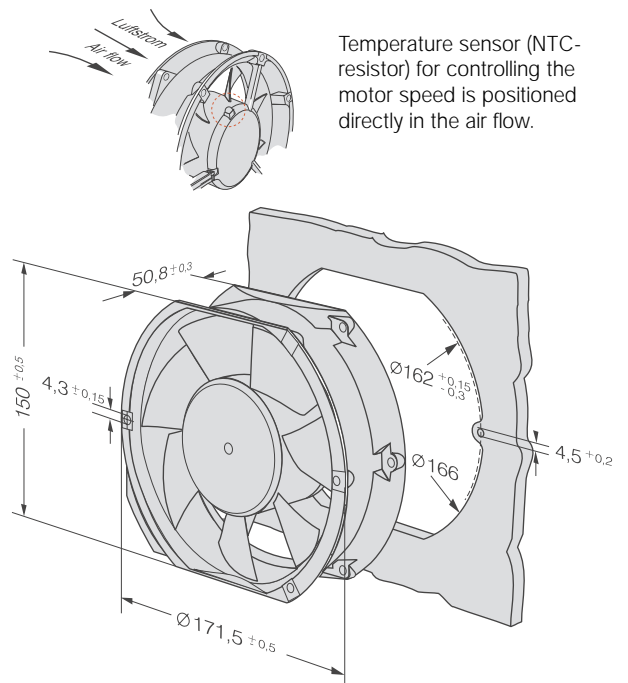
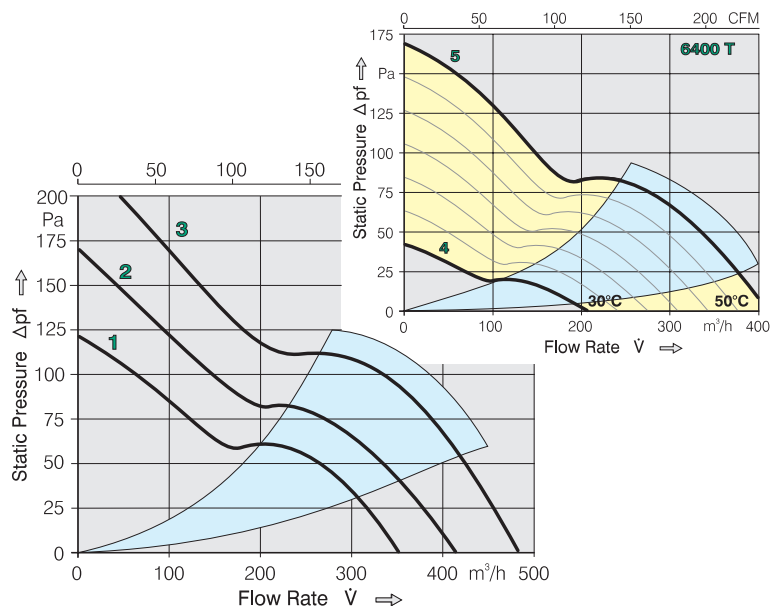
SERIES 6400

172Øx51 mm

Air flow		Nominal Voltage		Noise		Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at 40 °C		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)		○/●	Watt	min ⁻¹	°C	Hours	Hours		
350	97.2	12	8...15	52	6.0	●	12.0	2850	-20...+72	80000 / 37500		1	6412M
350	97.2	24	12...32	52	6.0	●	12.0	2850	-20...+72	80000 / 37500		1	6424M
410	113.9	24	12...28	57	6.4	●	18.0	3400	-20...+72	75000 / 35000		2	6424
480	133.3	24	12...28	61	6.9	●	26.0	4000	-20...+72	65000 / 30000		3	6424H
350	97.2	48	28...60	52	6.0	●	11.5	2850	-20...+72	80000 / 37500		1	6448M
410	113.9	48	28...60	57	6.4	●	17.0	3400	-20...+72	75000 / 35000		2	6448H

Intelligent DC fans with temperature-dependent speed control

30-50 °C	205	57.0	24	12...28	37	4.9	●	8.5	1700	-10...+72	77500 / 35000	4	6424 T
	410	113.9			57	6.4						18.0	
30-50 °C	205	57.0	48	28...60	37	4.9	●	8.5	1700	-10...+72	77500 / 35000	4	6448 T
	410	113.9			57	6.4						17.0	



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