

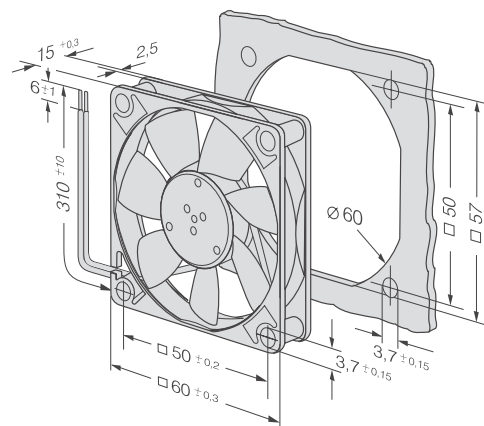
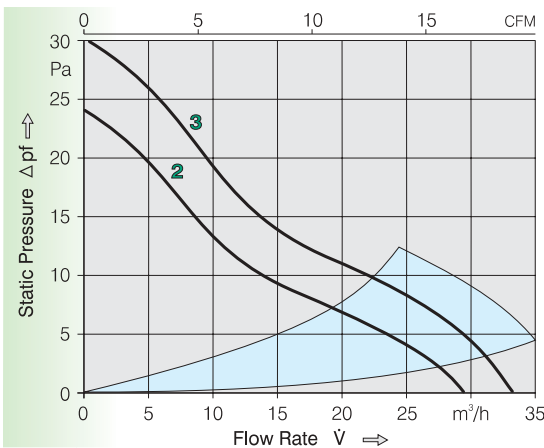
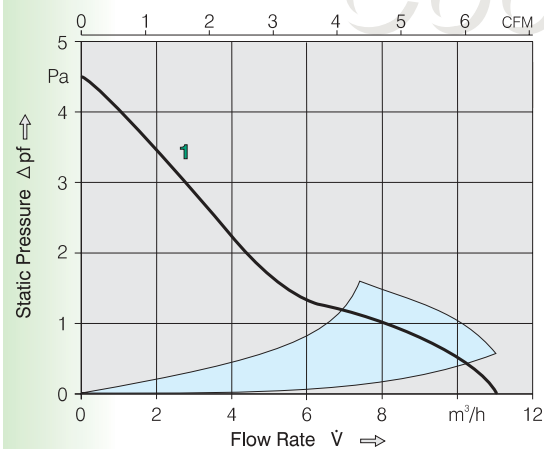


- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity. The fan only operates when the polarity is correct. Impedance-protected against blocking and overloading.
- Fan of fibreglass reinforced plastic. PBT housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via 2 leads AWG 28, TR 64. Stripped and tinned ends
- Mass 30 g.

SERIES 600F

60x60x15 mm

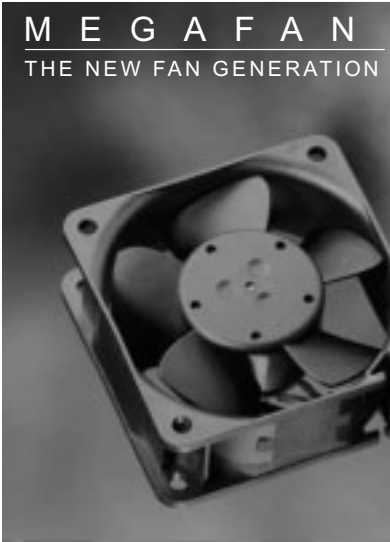
Air Flow		Nominal Voltage		Voltage Range		Noise		Sinter-Sleeve Bearings Ball Bearings		Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)	bels	/	○ ●	Watt	min ⁻¹	°C	Hours	Hours				
11	6.5	12	10.8-13.2	<10	<3		○	0.2	1550	0...+70	50000 / 20000		1	612FL		
29	17.1	12	10.8-13.2	27	4.4		○	1.1	3900	-20...+70	50000 / 20000		2	612F		
33	19.5	12	10.0-13.2	31	4.8		○	1.4	4500	-20...+60	45000 / 15000		3	612FH		
29	17.1	24	21.6-26.4	27	4.4		○	1.1	3900	-20...+70	50000 / 20000		2	614F		



MEGAFAN

THE NEW FAN GENERATION

CoolPower
Solutions



- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading.

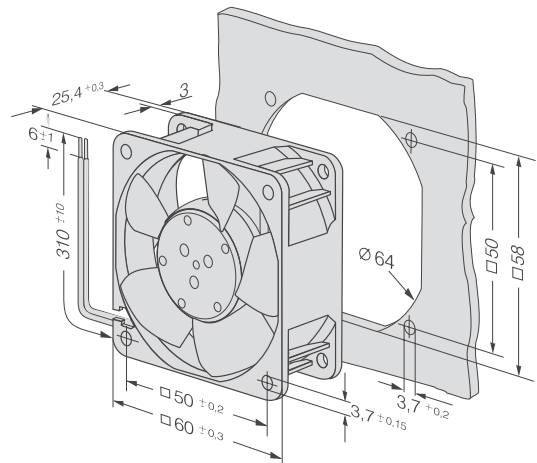
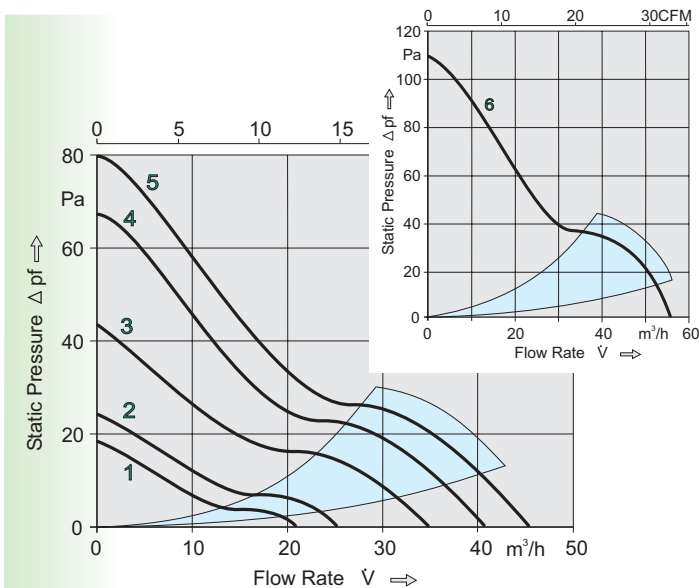
- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Electrical connection via 2 leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 85 g.

SERIES 600N

60x60x25mm

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	/ O	Watt	min ⁻¹	°C	Hours	Hours		
21	12.4	12	8...15	16	3.6	○	0.8	2500	-20...+70	80000 / 40000		1	612NGL
25	14.7	12	8...15	19	3.9	○	1.0	3000	-20...+70	80000 / 40000		2	612NGML
35	20.6	12	8...15	28	4.6	○	1.6	4100	-20...+70	80000 / 40000		3	612NGM
21	12.4	24	18...28	16	3.6	○	0.8	2500	-20...+70	80000 / 40000		1	614NGL
25	14.7	24	18...28	19	3.9	○	1.0	3000	-20...+70	80000 / 40000		2	614NGML
35	20.6	24	18...28	28	4.6	○	1.6	4100	-20...+70	80000 / 40000		3	614NGM

Available with alternative ball bearings. 5 V versions available upon request.



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- 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 2 leads AWG 22, TR 64. Stripped and tinned ends
- Mass 85 g.

SERIES 600

60x60x25mm

Air Flow	Air Flow	Nominal Voltage		Voltage Range		Noise		Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at t _{max}		Curve	Type
m ³ /h	CFM	V DC	V DC	dB(A)	bels	/	●	Watt	min ⁻¹	°C	Hours	Hours			
21	12.4	5	4.5...6	26	4.0	●	0.8	3000	-20...+65	80000 / 45000	1		605L		
21	12.4	12	6...15	24	3.7	○	1.0	3000	-20...+65	80000 / 45000	1		612GL		
21	12.4	12	6...15	26	4.0	●	0.7	3000	-20...+65	80000 / 45000	1		612L		
30	17.6	12	6...15	32	4.5	○	1.3	4100	-20...+65	80000 / 45000	2		612GM		
30	17.6	12	6...15	33	4.6	●	1.3	4100	-20...+65	80000 / 45000	2		612M		
40	23.5	12	6...15	40	5.1	○	2.8	5300	-20...+65	70000 / 40000	3		612G		
40	23.5	12	6...15	40	5.1	●	2.5	5300	-20...+65	70000 / 40000	3		612		
21	12.4	24	12...30	24	3.7	○	1.2	3000	-20...+65	80000 / 45000	1		614GL		
21	12.4	24	12...30	26	4.0	●	0.8	3000	-20...+65	80000 / 45000	1		614L		
30	17.6	24	12...30	33	4.6	●	1.4	4100	-20...+65	80000 / 45000	2		614M		
40	23.5	24	12...30	40	5.1	○	2.9	5300	-20...+65	70000 / 40000	3		614G		
40	23.5	24	12...30	40	5.1	●	2.5	5300	-20...+65	70000 / 40000	3		614		
46	27.0	24	12...27.5	44	5.5	●	3.4	6400	-20...+65	70000 / 40000	4		614H		

Attention:

In the foreseeable future the 600 fan series will be removed from the range and replaced by the products of the new series 600N.

