



- DC fans with electronically commutated external rotor motor. 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 17 g (27 g).

Series 400F

40 x 40 x 10 mm

Air flow		Nominal Voltage	Voltage Range	Noise		Sinter-Sleeve Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀		Curve	Type	Specials
m³/h	CFM									at 20 °C	at 60 °C			
8	4.7	5	4.5...5.5	26	4.5	■	0.7	5400	-20...+70	45 000 / 15 000	2	405 F		58
9	5.3	5	4.5...5.5	29	4.9	■	0.9	6000	-20...+70	45 000 / 15 000	3	405 FH		
6	3.5	12	10...14	19	4.0	■	0.6	4300	-20...+70	45 000 / 15 000	1	412 FM		
8	4.7	12	10...14	26	4.5	■	0.7	5400	-20...+70	45 000 / 15 000	2	412 F		
9	5.3	12	10...14	29	4.9	■	0.8	6000	-20...+70	45 000 / 15 000	3	412 FH		58
8	4.7	24	20...28	26	4.5	■	0.8	5400	-20...+70	45 000 / 15 000	2	414 F		

Series 400

40 x 40 x 20 mm

10	5.9	5	4.5...5.5	18	3.8	■	0.9	6000	-20...+70	50 000 / 20 000	4	405		58
10	5.9	12	10...14	18	3.8	■	1.0	6000	-20...+70	50 000 / 20 000	4	412		58
13.5	8.0	12	10...14	29	3.8	■	1.6	8100	-20...+60	45 000 / 15 000	5	412 H		
10	5.9	24	20...28	18	3.8	■	1.0	6000	-20...+70	50 000 / 20 000	4	414		58
13.5	8.0	24	20...26.5	29	4.7	■	1.6	8100	-20...+60	45 000 / 15 000	5	414 H		58

*Type 412 H and 414 H with electronic protection against blocking

Type	Dimension:	A	B	C
400F		10 ^{+0.3} / _{-0.1}	Ø3.5 ±0.1	Ø3.5 ±0.1
400		20 ±0.15	Ø4.3 ±0.1	Ø4.3 ±0.1

