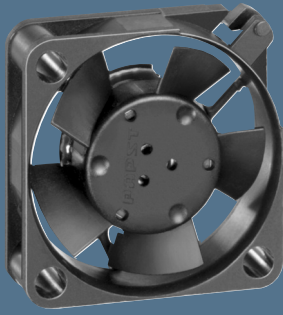


max. 4,5 m<sup>3</sup>/h

# DC axial fans

Series 250 25 x 25 x 8 mm



### Highlights:

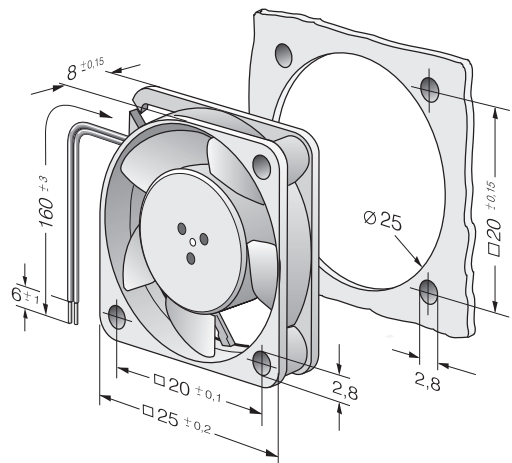
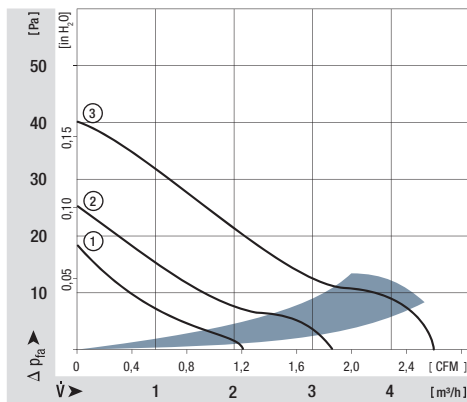
- Compact fan with low power consumption.

### General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 28, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 5 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L <sub>10</sub> (20 °C) ebm-papst Standard	Service life L <sub>10</sub> (60 °C) ebm-papst Standard	Life expectancy L <sub>10</sub> <sup>Δ</sup> (40 °C) see P. 15	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	RPM	°C	Hours	Hours	Hours	P. 110	
255 M		2,1	1,2	5	4,5...5,5	5	< 3	□	0,2	6 000	-10...+70	45 000 / 14 000	45 000	1		
255 N		3,2	1,9	5	4,5...5,5	16	< 3	□	0,4	9 600	-10...+70	40 000 / 12 000	40 000	2	/2	
255 H		4,5	2,6	5	4,5...5,5	23	4,4	□	0,6	12 000	-10...+55	35 000 / 12 000*	30 000	3	/2	
252 N		3,2	1,9	12	10...14	15	< 3	□	0,5	9 000	-10...+70	40 000 / 12 000	40 000	2	/2	
252 H		4,5	2,6	12	10...14	23	4,4	□	0,7	12 000	-10...+55	35 000 / 12 000*	30 000	3		

\* at 55 °C



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