

max. 4,6 m<sup>3</sup>/h

# DC axial fans

□ 25 x 8 mm



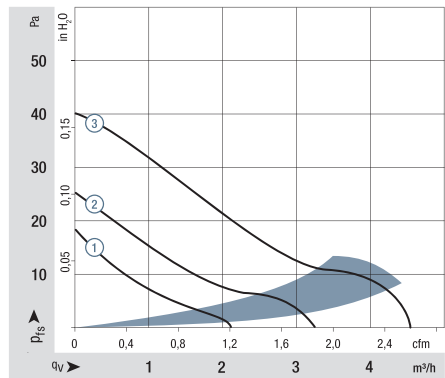
- **Material:** Housing: GRP<sup>1)</sup> (PBT)  
Impeller: GRP<sup>1)</sup> (PA)
  - **Direction of air flow:** Exhaust over struts
  - **Direction of rotation:** Counter-clockwise, seen on rotor
  - **Connection:** Via single wires AWG 28, TR 64
  - **Mass:** 5 g
- **Possible special versions:** (See chapter DC fans - specials)
    - Speed signal
    - Humidity protection

1) Fibreglass-reinforced plastic

Series 250														
Nominal data	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 <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> IPC (40 °C) see page 17	Curve
	m <sup>3</sup> /h	cfm												
255 M	2,3	1,2	5	4,5...5,5	5	< 3	□	0,2	6 500	-10...+70	45 000 / 17 500	47 500	①	
255 N	3,5	1,9	5	4,5...5,5	16	< 3	□	0,4	9 600	-10...+70	40 000 / 15 000	42 500	②	
255 H	4,6	2,6	5	4,5...5,5	23	4,4	□	0,6	12 000	-10...+55	35 000 / 15 000*	37 500	③	
252 N	3,4	1,9	12	10...14	15	< 3	□	0,5	9 000	-10...+70	40 000 / 15 000	42 500	②	
252 H	4,6	2,6	12	10...14	23	4,4	□	0,7	12 000	-10...+55	35 000 / 15 000*	37 500	③	

Subject to alterations

\* at 55 °C



Air performance measured as per: ISO 5801, installation category A, without accidental contact.  
Noise: Total sound power level L<sub>WA</sub> ISO 103002 measured on half-sphere of 2 m;  
Sound pressure level L<sub>pA</sub> 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](http://www.ebmpapst.com/general_conditions)

