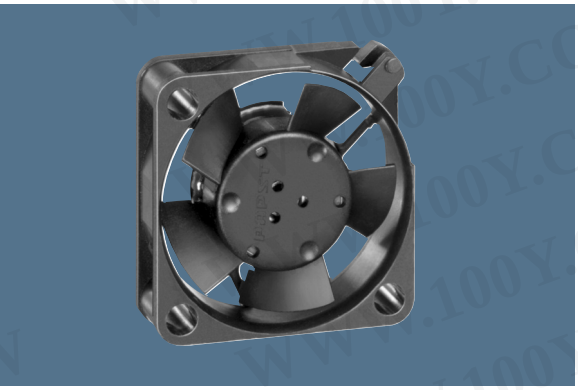
max. 4,5 $m^3/h$

# DC axial fans

Series 250 25 x 25 x 8 mm

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw



**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 | Sintec sleeve bearings / Ball bearings | Power input | Nominal speed | Temperature range | Service life $L_{10}$ (20 °C) ebm-papst Standard | Service life $L_{10}$ (60 °C) ebm-papst Standard | Life expectancy $L_{10}$ (40 °C) see P. 15 | Curve | Specials |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Type | $m^3/h$ | CFM | VDC | VDC | dB(A) | Bel(A) | □ / ■ | Watts | RPM | °C | 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

