max. 107 m³/h

# DC axial fans

## Series 3300 92 x 92 x 32 mm

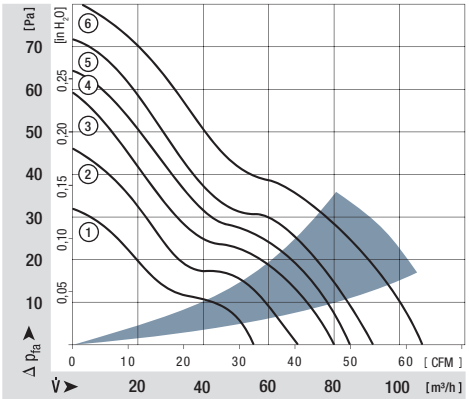
- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, seen on rotor
- **Connection:** Via single wires AWG 22, TR 64
- **Mass:** 190 g

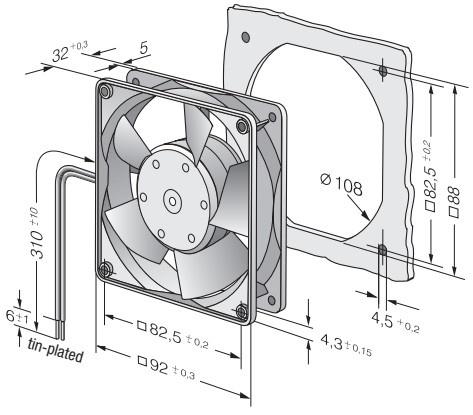
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / No-go alarm
  - Alarm with limit speed
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analogue control input
  - Protection against moisture
  - Protection against salt fog
  - Type of protection: IP 54 / IP 68

1) Fibreglass-reinforced plastic

| Nominal data | Air flow | Air flow | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sintec sleeve bearings / Ball bearings | Input power | Nominal speed | Temperature range | Service life $L_{10}$ (40 °C) ebm-papst Standard / Service life $L_{10}$ ($T_{max}$) ebm-papst Standard | Life expectancy $L_{10IPC}$ (40 °C) see page 17 | Curve |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Type** | **m³/h** | **CFM** | **VDC** | **VDC** | **dB(A)** | **Bel(A)** | □/■ | **Watts** | **rpm** | **°C** | **Hours** | **Hours** | |
| 3312 L | 56 | 33,0 | **12** | 6...15 | 29 | 4,5 | ■ | 1,5 | 2 150 | -20...+75 | 80 000 / 35 000 | 135 000 | ① |
| 3312 GM | 68 | 40,0 | **12** | 6...15 | 34 | 4,8 | □ | 1,8 | 2 600 | -20...+75 | 70 000 / 30 000 | 117 500 | ② |
| 3312 M | 68 | 40,0 | **12** | 6...15 | 34 | 4,8 | ■ | 1,8 | 2 600 | -20...+75 | 70 000 / 30 000 | 117 500 | ② |
| 3312 | 80 | 47,1 | **12** | 6...15 | 37 | 5,2 | ■ | 2,5 | 3 000 | -20...+75 | 70 000 / 30 000 | 117 500 | ③ |
| 3312-177 | 93 | 54,7 | **12** | 6...15 | 43 | 5,7 | ■ | 3,5 | 3 400 | -20...+75 | 65 000 / 27 500 | 110 000 | ⑤ |
| 3314 G | 80 | 47,1 | **24** | 12...28 | 37 | 5,2 | □ | 2,5 | 3 000 | -20...+75 | 70 000 / 30 000 | 117 500 | ③ |
| 3314 | 80 | 47,1 | **24** | 12...28 | 37 | 5,2 | ■ | 2,5 | 3 000 | -20...+75 | 70 000 / 30 000 | 117 500 | ③ |
| 3314-140 | 85 | 50,0 | **24** | 12...28 | 40 | 5,4 | ■ | 3,0 | 3 200 | -20...+75 | 70 000 / 30 000 | 117 500 | ④ |
| 3314 H | 107 | 63,0 | **24** | 12...28 | 47 | 6,0 | ■ | 5,0 | 4 000 | -20...+75 | 57 500 / 25 000 | 97 500 | ⑥ |
| 3318 | 80 | 47,1 | **48** | 36...60 | 37 | 5,2 | ■ | 2,4 | 3 000 | -20...+75 | 70 000 / 30 000 | 117 500 | ③ |
| 3318 H | 107 | 63,0 | **48** | 36...60 | 47 | 6,0 | ■ | 4,9 | 4 000 | -20...+60 | 57 500 / 32 500 | 97 500 | ⑥ |

Subject to alternations






Guard grilles
from p. 238

ebmpapst