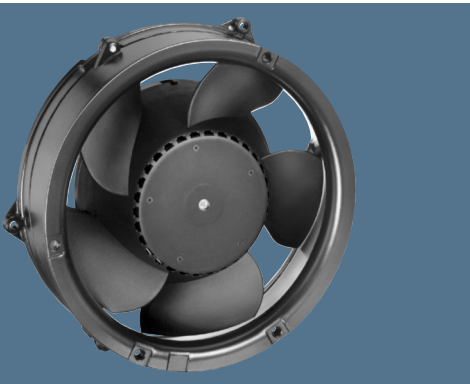


max. 540 m³/h

# DC diagonal fans

Series DV 6200 172 Ø x 51 mm



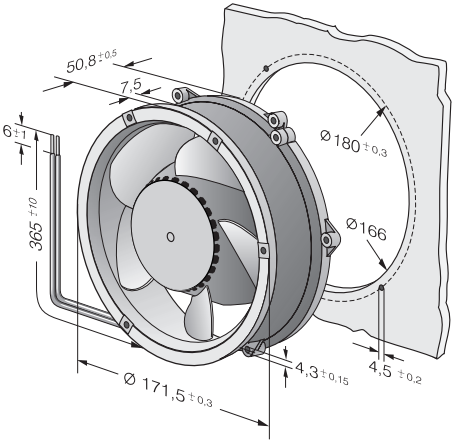
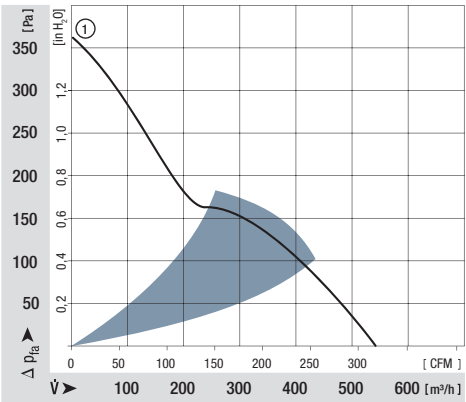
Highlights:

- Diagonal compact fan with low noise and high pressure saddle.
- Very rigid compression curve for high air flow at high back pressure.

General characteristics:

- Material: aluminium housing, fibreglass-reinforced PA impeller; housing with grounding lug for screw M4 x 8 (Torx). 48 V version incl. screws.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 820 g.

| Nominal data |  | Air flow | Air flow | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sinter sleeve bearings<br>Ball bearings | Power input | Nominal speed | Temperature range | Service life L <sub>10</sub> (40 °C)<br>ebm-papst Standard | Service life L <sub>10</sub> (T <sub>max</sub> )<br>ebm-papst Standard | Life expectancy L <sub>10</sub> Δ<br>(40 °C) see P. 15 | Curve | Specials   |
|--------------|--|----------|----------|-----------------|---------------|----------------------|-------------------|-----------------------------------------|-------------|---------------|-------------------|------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|-------|------------|
| Type         |  | m³/h     | CFM      | VDC             | VDC           | dB(A)                | Bel(A)            | ■ / ■                                   | Watts       | RPM           | °C                | Hours                                                      | Hours                                                                  | Hours                                                  |       | P. 110/112 |
| DV 6224      |  | 540      | 317,8    | 24              | 16...28       | 63                   | 7,1               | ■                                       | 40,0        | 4 300         | -20...+75         | 90 000 / 40 000                                            | 180 000                                                                | 180 000                                                | 1     | /2/12      |
| DV 6248      |  | 540      | 317,8    | 48              | 28...60       | 63                   | 7,1               | ■                                       | 40,0        | 4 300         | -20...+75         | 90 000 / 40 000                                            | 180 000                                                                | 180 000                                                | 1     |            |



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