Max. 320 m³/h

DC diagonal fan

☐ 127 x 38 mm



- **Material:** Housing: GRP[1] (PBT)
  Available in Die-cast aluminum
  Metal flange
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 22, TR 64
- **Highlights:** Housing with grounding lug for screw M4 x 8 (Torx)
- **Weight:** 415 g (with metal housing: 490 g)

- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

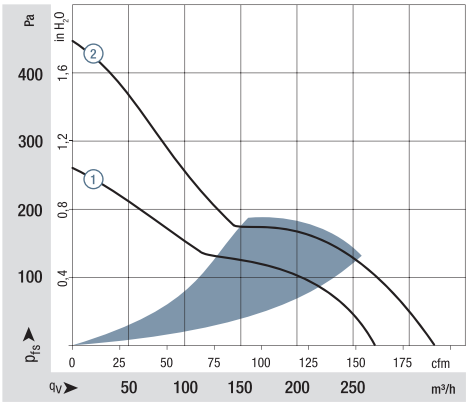
Series DV 5200

Nominal data

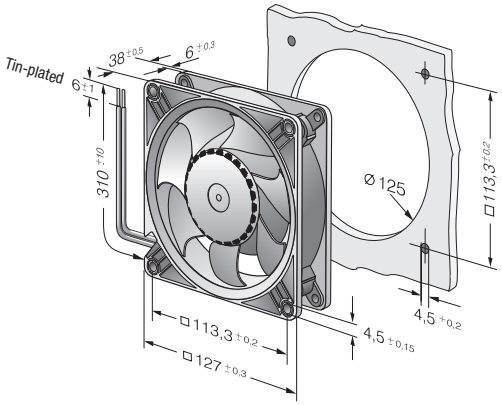
Type	Air flow m³/h	Air flow cfm	**Nominal voltage** VDC	Voltage range VDC	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings □ / Ball bearings ■	Power consumption* Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L_{10} (40 °C) ebm-papst standard / Service life L_{10} (T_{max}) ebm-papst standard Hours	Life expectancy L_{10IPC} (40 °C) see page 17 Hours	Curve
DV 5212 N	270	159	**12**	9...15	56	6.4	■	21.0	5 000	-20...+65	70 000 / 40 000	117 500	①
DV 5214 N	270	159	**24**	16...30	56	6.4	■	20.4	5 000	-20...+65	70 000 / 40 000	117 500	①
DV 5218 N	270	159	**48**	36...60	56	6.4	■	18.5	5 000	-20...+65	70 000 / 40 000	117500	①
Standard model comes with speed signal and PWM control input. Other versions by request.													
DV 5214/2 HP	320	188	**24**	16...30	62	7.2	■	38.5	6 000	-20...+65	62 500 / 35 000	105 000	②

Subject to change

Speed control range from 1000 rpm⁻¹ up to maximum nominal speed.
Standstill at 0% PWM, maximum speed if control cable is interrupted.
* Power consumption at free air flow. These values can be significantly higher in the operating point.



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} measured at 1 m distance from fan axis.
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.
In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see
http://www.ebmpapst.com/general conditions



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6248N 8312 8315100283 R2E175-AC77-05 4600Z-881 4650X G2E146-BF05-29 LZ 30-5 8315100229
8412N/2G-185 4114N/2H4 4580 Z 7114NH A2D300-AD02-02 G2E140-AI28-01 PMFA80 4412 F/2
8315100059 QG030-148/12 W2S130-AA03-01 4414 F/2M 7212N 4414FNH 96358-2-4013
A2D170-AA04-01 R2E180-AS77-40 RG160-28/14N 3806 4314NHH 4412F/2M-504