Max. 545 m³/h

S-Force

DC axial fans

Ø 172 x 51 mm

- **Material:** Housing: Die-cast aluminum
  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:** 825 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 (standard)
  - Analog control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

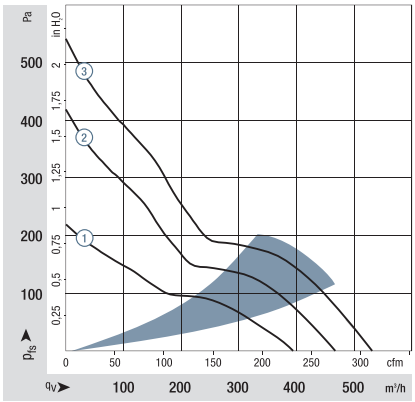
Series 6300

Nominal data

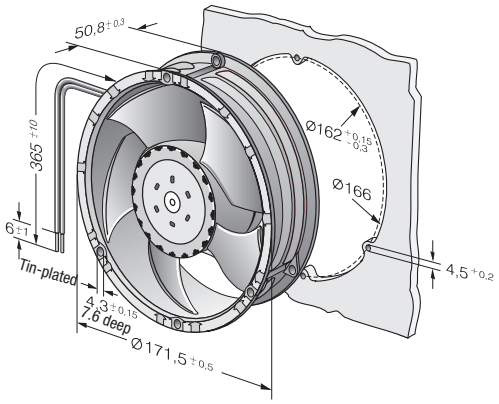
Type	Air flow m³/h	Air flow cfm	Nominal voltage VDC	Voltage range VDC	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings □ / Ball bearings ■	Power consumption* Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L_{10} (40 °C) ebm-papst standard Hours	Service life L_{10} (T_{max}) ebm-papst standard Hours	Life expectancy L_{10IPC} (40 °C) see page 17 Hours	Curve
6314/2 MP	395	232	**24**	16...30	51	6.0	■	14	3 700	-20...+75	82 500 / 32 500		140 000	①
6314/2 NP	470	276	**24**	16...30	56	6.5	■	23	4 400	-20...+70	80 000 / 40 000		135 000	②
6314/2 HP	545	320	**24**	16...30	58	6.9	■	31	5 000	-20...+65	77 500 / 42 500		130 000	③
6318/2 HP	545	320	**48**	36...72	58	6.9	■	32	5 000	-20...+65	77 500 / 42 500		130 000	③

Subject to change

Speed control range from 700 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 LwA ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level LpA 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



Finger guards from p. 242

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