Max. 685 m³/h
S-Panther

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:** (+) and GND AWG 20, UL 1007, TR 64; speed signal and alarm signal: AWG 22, UL 1007, TR 64
- **Highlights:** Highly efficient and smoothly operating 3-phase fan drive Housing with grounding lug for screw M4 x 8 (Torx)
- **Weight:** 850 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
  - Multi-option control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 68
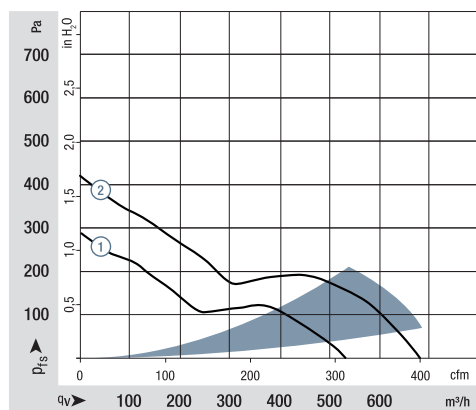
1) Fiberglass-reinforced plastic
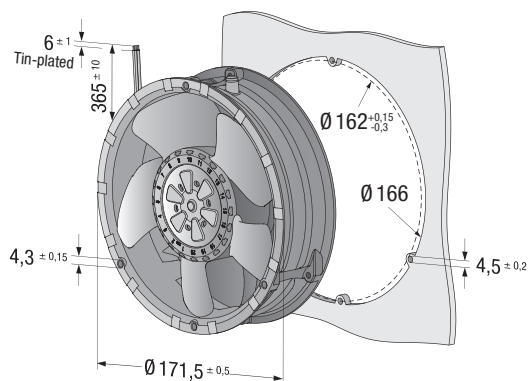
Series 6300 N / Nominal data Type	Air flow m³/h	Air flow cfm	Nominal voltage VDC	Voltage range VDC	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings / Ball bearings □/■	Power consumption Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L₁₀ (40 °C) ebm-papst standard / Service life L₁₀ (T max) ebm-papst standard Hours	Life expectancy L₁₀IPC (40 °C) see page 17 Hours	Curve
6314 N/2 HHP	540	318	24	16…32	-	6.9	■	30	4000	-20…+70	80 000 / 40 000	135 000	①
6318 N/2 H3P	685	403	48	36…60	-	7.5	■	53	5000	-20…+70	77 500 / 40 000	130 000	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.												

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

Finger guards from p. 242

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