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

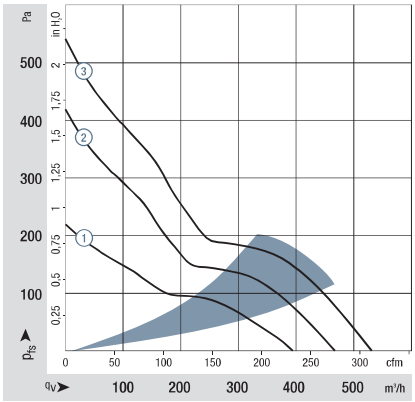
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input (standard)
  - Analog control input
  - Moisture protection
  - Salt spray protection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

1) Fiberglass-reinforced plastic

Series 6300 VWS0148XULCS **Nominal data**	Air flow	Air flow	**Nominal voltage**	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings / Ball bearings	Power consumption*	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 15	Curve
Type	**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□/■	**Watts**	**rpm⁻¹**	**°C**	**Hours**		**Hours**	
6312/2 MP-204	360	211	**12**	8...16	49	5.8	■	15	3 500	-20...+65	82 500 / 47 500		140 000	①
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 10302 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

