Max. 130 m³/h

S-Panther

DC axial fans

☐ 80 x 32 mm



- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 26, TR 64
- **Weight:** 160 g

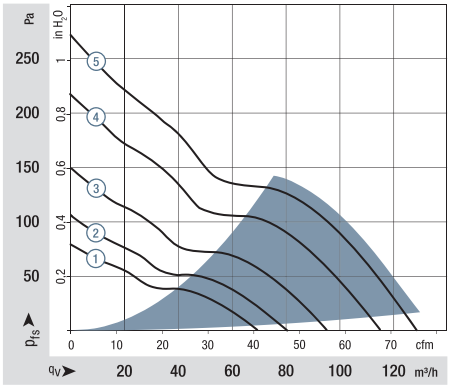
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 68

1) Fiberglass-reinforced plastic

Series 8300 N
VWC0080PUFBS

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**	
8312 NHL	70	41	**12**	6...15	39	5.2	■	2.9	4 600	-20...+75	92 500 / 37 500	155 000	①
8312 NH	80	47	**12**	6...15	42	5.5	■	4.0	5 300	-20...+75	82 500 / 32 500	140 000	②
8312 NHH	95	56	**12**	6...15	48	6.0	■	5.4	6 300	-20...+75	72 500 / 27 500	120 000	③
8312 NH3	115	68	**12**	6...13.2	53	6.6	■	9.4	7 600	-20...+75	57 500 / 25 000	100 000	④
8312 NH4	130	77	**12**	6...12.8	56	6.9	■	12.6	8 500	-20...+60	52 500 / 32 500	87 500	⑤
8314 NHL	70	41	**24**	12...28	39	5.2	■	2.6	4 600	-20...+75	92 500 / 37 500	155 000	①
8314 NH	80	47	**24**	12...28	42	5.5	■	3.6	5 300	-20...+75	82 500 / 32 500	140 000	②
8314 NHH	95	56	**24**	12...28	48	6.0	■	5.0	6 300	-20...+75	72 500 / 27 500	120 000	③
8314 NH3	115	68	**24**	12...28	53	6.6	■	8.8	7 600	-20...+75	57 500 / 25 000	100 000	④
8314 N/2H3P	115	68	**24**	18...28	53	6.6	■	8.0	7 600	-20...+75	75 000 / 30 000	127 500	④
8318 NHL	70	41	**48**	36...60	39	5.2	■	2.3	4 600	-20...+75	92 500 / 37 500	155 000	①
8318 NH	80	47	**48**	36...60	42	5.5	■	3.5	5 300	-20...+75	82 500 / 32 500	140 000	②
8318 NHH	95	56	**48**	36...60	48	6.0	■	5.8	6 300	-20...+75	72 500 / 27 500	120 000	③
8318 NH3	115	68	**48**	36...52.8	53	6.6	■	8.9	7 600	-20...+75	57 500 / 25 000	100 000	④

Änderungen vorbehalten



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 10302 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

