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

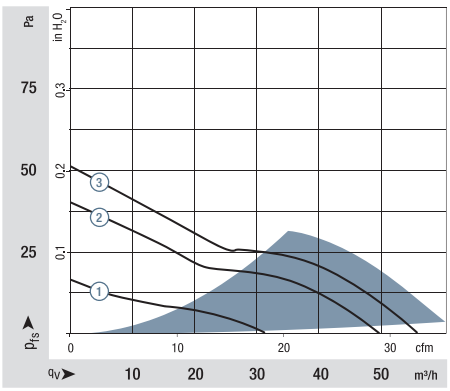
- **Possible special versions:**
  (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Moisture protection
  - Salt spray protection
  - Degree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

1) Fiberglass-reinforced plastic

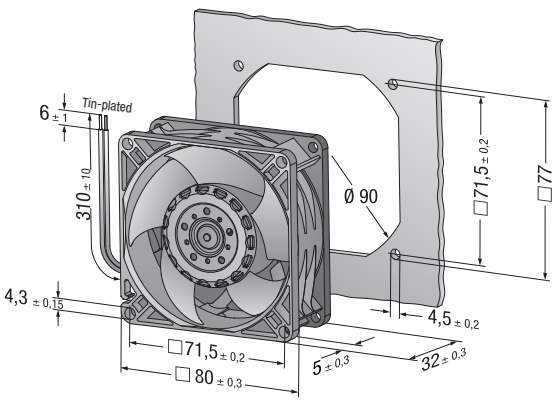
Series 8300 N **Nominal data**	Air flow	Air flow	**Nominal voltage**	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings / Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst standard / Service life L_{10} (T_{max}) ebm-papst standard	Life expectancy L_{10IPC} (40 °C)	Curve
Type	**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	**□/■**	**Watts**	**rpm⁻¹**	**°C**	**Hours**	**Hours**	
NEW 8312 NL*	32	19	**12**	6...15	24	4,0	■	1,0	2 300	-20...+75	105 000 / 42 500	180 000	①
NEW 8312 NM*	50	30	**12**	6...15	32	4,5	■	1,5	3 300	-20...+75	102 500 / 40 000	170 000	②
NEW 8312 NN	56	33	**12**	6...15	33	4,7	■	1,8	3 700	-20...+75	97 500 / 37 500	162 500	③
NEW 8314 NL*	32	19	**24**	12...28	24	4,0	■	1,0	2 300	-20...+75	105 000 / 42 500	180 000	①
NEW 8314 NM*	50	30	**24**	12...28	32	4,5	■	1,2	3 300	-20...+75	102 500 / 40 000	170 000	②
NEW 8314 NN	56	33	**24**	12...28	33	4,7	■	1,8	3 700	-20...+75	97 500 / 37 500	162 500	③
NEW 8318 NN*	56	33	**48**	36...60	33	4,7	■	1,5	3 700	-20...+75	97 500 / 37 500	162 500	③

Subject to change

* On request



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



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ebmpapst

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S-Panther

DC axial fans

☐ 80 x 32 mm



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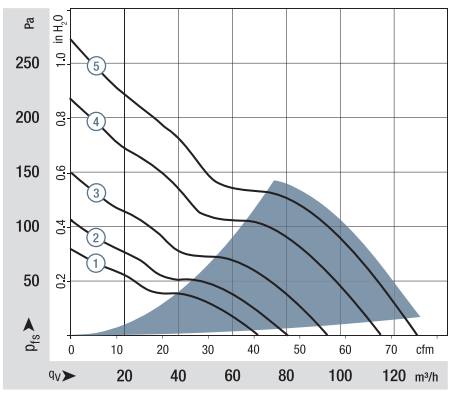
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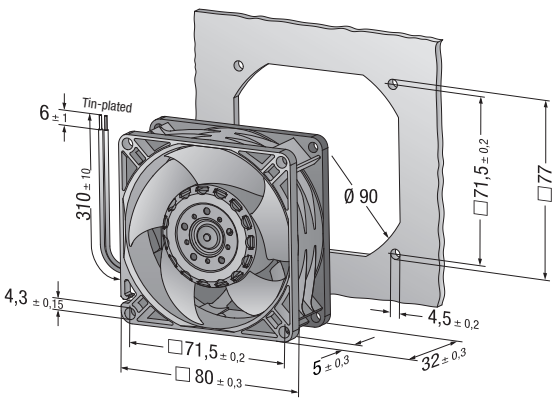
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Type	**m³/h**	**cfm**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□ / ■	**Watts**	**rpm⁻¹**	**°C**	**Hours**	**Hours**	
NEW 8312 NHL	70	41	**12**	6...15	39	5,2	■	2,9	4 600	-20...+75	92 500 / 37 500	155 000	①
NEW 8312 NH	80	47	**12**	6...15	42	5,5	■	4,0	5 300	-20...+75	82 500 / 32 500	140 000	②
NEW 8312 NHH	95	56	**12**	6...15	48	6,0	■	5,4	6 300	-20...+75	72 500 / 27 500	120 000	③
NEW 8312 NH3*	115	68	**12**	6...13,2	53	6,6	■	9,4	7 600	-20...+75	57 500 / 25 000	100 000	④
NEW 8312 N/2H3P*	115	68	**12**	8...15	53	6,6	■	8,5	7 600	-20...+75	75 000 / 30 000	127 500	④
NEW 8312 NH4*	130	77	**12**	6...12,8	56	6,9	■	12,6	8 500	-20...+60	52 500 / 32 500	87 500	⑤
NEW 8312 N/2H4P*	130	77	**12**	8...15	56	6,9	■	11	8 500	-20...+75	62 500 / 27 500	105 000	⑤
NEW 8314 NHL	70	41	**24**	12...28	39	5,2	■	2,6	4 600	-20...+75	92 500 / 37 500	155 000	①
NEW 8314 NH	80	47	**24**	12...28	42	5,5	■	3,6	5 300	-20...+75	82 500 / 32 500	140 000	②
NEW 8314 NHH	95	56	**24**	12...28	48	6,0	■	5,0	6 300	-20...+75	72 500 / 27 500	120 000	③
NEW 8314 NH3*	115	68	**24**	12...28	53	6,6	■	8,8	7 600	-20...+75	57 500 / 25 000	100 000	④
NEW 8314 N/2H3P*	115	68	**24**	18...28	53	6,6	■	8,0	7 600	-20...+75	75 000 / 30 000	127 500	④
NEW 8314 NH4*	130	77	**24**	18...28	56	6,9	■	10	8 500	-20...+75	62 500 / 27 500	105 000	⑤
NEW 8314 N/2H4P*	130	77	**24**	18...28	56	6,9	■	10	8 500	-20...+75	62 500 / 27 500	105 000	⑤
NEW 8318 NHL*	70	41	**48**	36...60	39	5,2	■	2,3	4 600	-20...+75	92 500 / 37 500	155 000	①
NEW 8318 NH*	80	47	**48**	36...60	42	5,5	■	3,5	5 300	-20...+75	82 500 / 32 500	140 000	②
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NEW 8318 NH3*	115	68	**48**	36...52,8	53	6,6	■	8,9	7 600	-20...+75	57 500 / 25 000	100 000	④
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NEW 8318 NH4*	130	77	**48**	36...60	56	6,9	■	9,6	8 500	-40...+75	62 500 / 27 500	105 000	⑤
NEW 8318 N/2H4P*	130	77	**48**	36...60	56	6,9	■	9,6	8 500	-40...+75	62 500 / 27 500	105 000	⑤

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