Max. 80 m³/h

S-Panther

DC axial fans

☐ 92 x 32 mm



- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via single wires AWG 24 UL 1061, TR 64
- **Weight:** 190 g

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

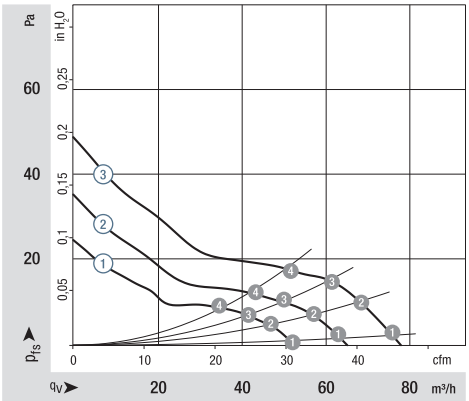
1) Fiberglass-reinforced plastic

Series 3300 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**	
3312 NL	56	33	**12**	6...15	24	4.1	■	0.8	1 850	-20...+75	87 500 / 35 000	147 500	①
3312 NM	68	40	**12**	6...15	29	4.3	■	1.1	2 250	-20...+75	80 000 / 32 500	135 500	②
3312 NN	80	47	**12**	6...15	35	4.7	■	1.8	2 650	-20...+75	77 500 / 30 000	130 000	③
NEW 3314 NL	56	33	**24**	12...28	24	4.1	■	0.8	1 850	-20...+75	87 500 / 35 000	147 500	①
NEW 3314 NM	68	40	**24**	12...28	29	4.3	■	1.2	2 250	-20...+75	80 000 / 32 500	135 500	②
3314 NN	80	47	**24**	12...28	35	4.7	■	1.8	2 650	-20...+75	77 500 / 30 000	130 000	③
3318 NN	80	47	**48**	36...60	35	4.7	■	1.8	2 650	-20...+75	77 500 / 30 000	130 000	③

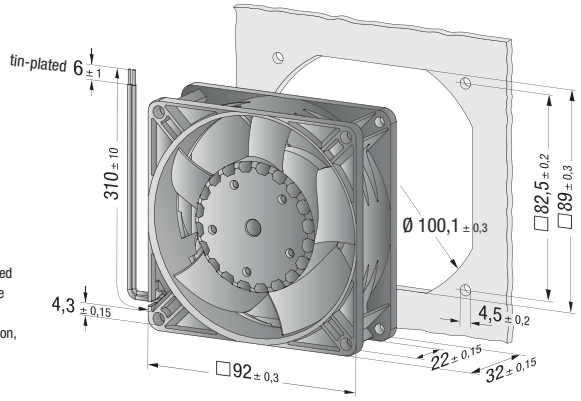
Subject to change

		n rpm⁻¹	P_{ed} W	Lw_A dB(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
①	❶	1 870	0.9	39	82 500	47 500	140 000
①	❷	1 860	0.9	39	80 000	45 000	135 000
①	❸	1 860	0.9	39	80 000	45 000	135 000
①	❹	1 870	0.9	39	77 500	42 500	130 000
②	❶	2 220	1.2	42	77 500	42 500	130 000
②	❷	2 220	1.3	42	75 000	42 500	127 500
②	❸	2 210	1.3	42	72 500	40 000	122 500
②	❹	2 220	1.3	44	72 500	40 000	122 500

		n rpm⁻¹	P_{ed} W	Lw_A dB(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
③	❶	2 650	1.9	46	75 000	42 500	127 500
③	❷	2 630	1.9	47	72 500	40 000	122 500
③	❸	2 630	1.9	47	70 000	40 000	117 500
③	❹	2 650	1.9	49	70 000	40 000	117 500



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



ebmpapst

Max. 133 m³/h

S-Panther

DC axial fans

☐ 92 x 32 mm



- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via single wires AWG 24 UL 1061, TR 64
- **Weight:** 190 g

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

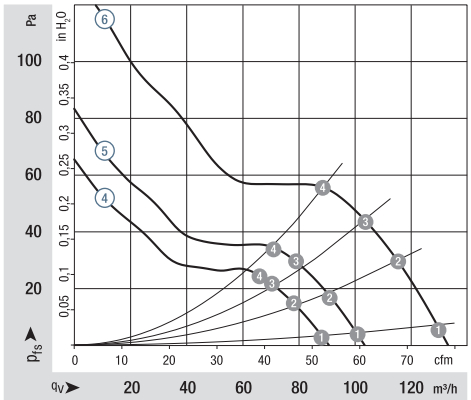
1) Fiberglass-reinforced plastic

Series 3300 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**	
3312 NH	93	55	**12**	6...15	38	5.1	■	2.8	3 050	-20...+75	72 500 / 30 000	122 500	④
3312 NHH	107	63	**12**	6...15	42	5.4	■	3.4	3 450	-20...+75	67 500 / 27 500	115 000	⑤
3312 NH3	133	78	**12**	6...14	50	6.0	■	6.9	4 350	-20...+70	60 000 / 30 000	102 500	⑥
NEW 3312 NH3P	133	78	**12**	7...13.2	50	6.0	■	5.5	4 350	-20...+80	60 000 / 20 000	102 500	⑥
3314 NH	93	55	**24**	12...28	38	5.1	■	2.6	3 050	-20...+75	72 500 / 30 000	122 500	④
3314 NHH	107	63	**24**	12...28	42	5.4	■	3.4	3 450	-20...+75	67 500 / 27 500	115 000	⑤
3314 NH3	133	78	**24**	12...28	50	6.0	■	6.0	4 350	-20...+75	60 000 / 25 000	102 500	⑥
NEW 3314 NH3P	133	78	**24**	14...26.4	50	6.0	■	5.7	4 350	-20...+80	60 000 / 20 000	102 500	⑥
3318 NH	93	55	**48**	36...60	38	5.1	■	2.6	3 050	-20...+75	72 500 / 30 000	122 500	④
NEW 3318 NHH	107	63	**48**	36...60	42	5.4	■	3.4	3 450	-20...+75	67 500 / 27 500	115 000	⑤
3318 NH3	133	78	**48**	36...58	50	6.0	■	6.5	4 350	-20...+75	60 000 / 25 000	102 500	⑥
NEW 3318 NH3P	133	78	**48**	36...56	50	6.0	■	6.1	4 350	-20...+80	60 000 / 20 000	102 500	⑥

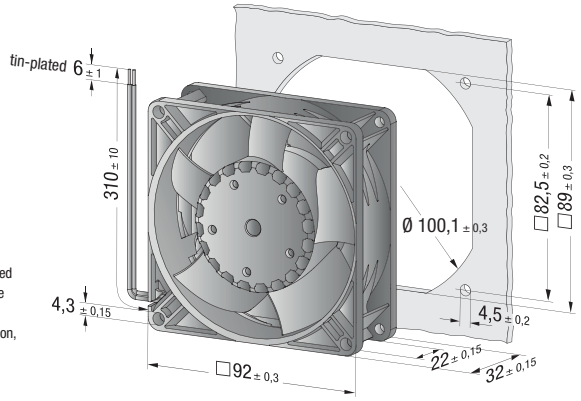
Subject to change

	n rpm⁻¹	P_{ed} W	Lw_A dB(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
④ ❶	3 000	2.7	54	70 000	40 000	117 500
④ ❷	3 000	2.7	50	67 500	37 500	115 000
④ ❸	3 010	2.7	50	65 000	37 500	110 000
④ ❹	3 040	2.6	52	65 000	37 500	110 000
⑤ ❶	3 410	3.6	55	65 000	37 500	110 000
⑤ ❷	3 400	3.7	54	62 500	35 000	105 000
⑤ ❸	3 410	3.6	56	60 000	32 500	102 500
⑤ ❹	3 440	3.5	58	60 000	32 500	102 500

	n rpm⁻¹	P_{ed} W	Lw_A dB(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
⑥ ❶	4 300	6.6	61	57 500	32 500	97 500
⑥ ❷	4 260	6.7	62	55 000	30 000	92 500
⑥ ❸	4 280	6.7	63	55 000	30 000	92 500
⑥ ❹	4 340	6.5	65	55 000	30 000	92 500



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
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