Max. 133 m³/h

DC axial fans

☐ 92 x 32 mm



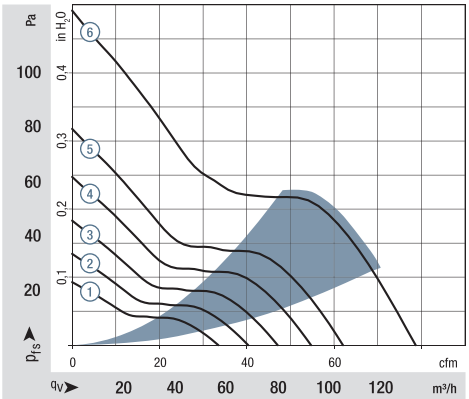
- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via single wires AWG 24 UL 1061, TR 64
- **Weight:** 190 g

- **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

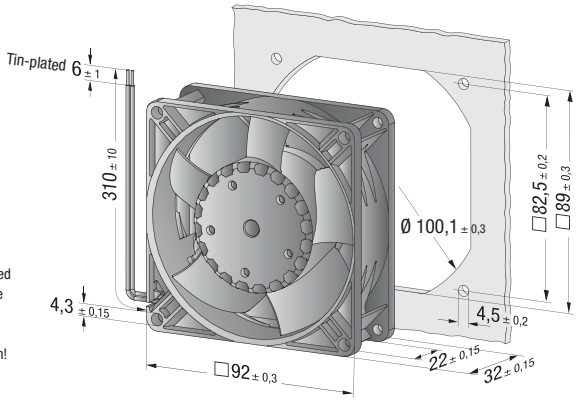
1) Fiberglass-reinforced plastic

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) see page 17	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	80 000 / 35 000	135 000	①
3312 NM	68	40	**12**	6...15	29	4.5	■	1.3	2 250	-20...+75	70 000 / 30 000	117 500	②
3312 NN	80	47	**12**	6...15	35	4.7	■	1.8	2 650	-20...+75	70 000 / 30 000	117 500	③
3312 NH	93	54	**12**	6...15	38	5.1	■	2.8	3 050	-20...+75	65 000 / 27 500	110 000	④
3312 NHH	107	63	**12**	6...15	42	5.4	■	3.4	3 450	-20...+75	57 500 / 25 000	97 500	⑤
3312 NH3	133	78	**12**	6...14	50	6.0	■	6.7	4 350	-20...+70	50 000 / 25 000	85 000	⑥
3314 NN	80	47	**24**	18...28	35	4.7	■	1.8	2 650	-20...+75	70 000 / 30 000	117 500	③
3314 NH	93	54	**24**	18...28	38	5.1	■	2.6	3 050	-20...+75	65 000 / 27 500	110 000	④
3314 NHH	107	63	**24**	18...28	42	5.4	■	3.5	3 450	-20...+75	57 500 / 25 000	97 500	⑤
3314 NH3	133	78	**24**	18...28	50	6.0	■	6.7	4 350	-20...+75	50 000 / 22 500	85 000	⑥
3318 NN	80	47	**48**	36...60	35	4.7	■	1.8	2 650	-20...+75	70 000 / 30 000	117 500	③
3318 NH	93	54	**48**	36...60	38	5.1	■	3.5	3 050	-20...+75	65 000 / 27 500	110 000	④
3318 NH3	133	78	**48**	36...58	50	6.0	■	6.5	4 350	-20...+75	50 000 / 22 500	85 000	⑥

Subject to change



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



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