

Max. 133 m<sup>3</sup>/h

# DC axial fans

□ 92 x 32 mm



- **Material:** Housing: GRP<sup>1)</sup> (PBT)  
Impeller: GRP<sup>1)</sup> (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

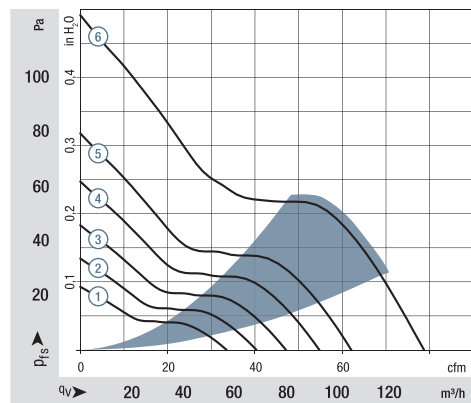
1) Fiberglass-reinforced plastic

Series 3300 N

Nominal data

Type	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L <sub>10</sub> (40 °C) ebm-papst standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst standard	Life expectancy L <sub>10</sub> DFC (40 °C, see page 17)	Curve
	m <sup>3</sup> /h	cfm												
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<sub>WA</sub> ISO 103002 measured on a hemisphere with a radius of 2 m.  
Sound pressure level L<sub>pA</sub> 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>

