max. 190 m³/h

DC axial fans

□ 119 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, TR 64
- **Weight:** 250 g

- **Possible special versions:**
  - Speed signal
  - Go / No Go 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

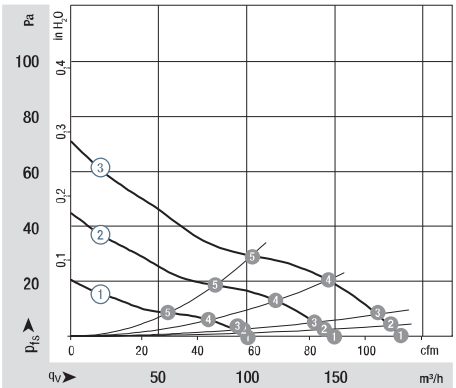
1) Fiberglass-reinforced plastic

Series 4300 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 L10 (40 °C) ebm-papst standard / Service life L10 (Tmax) 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**	
4312 NL*	100	58,8	**12**	6…15	25	3,9	■	1,0	1 450	-20…+75	95 000 / 37 500	160 000	①
4312 NM*	150	88,2	**12**	6…15	36	4,9	■	2,0	2 150	-20…+75	85 000 / 32 500	142 000	②
4312 NN*	190	112	**12**	6…15	41	5,5	■	4,0	2 700	-20…+75	72 500 / 30 000	122 000	③
4314 NL*	100	58,8	**24**	12...28	25	3,9	■	1,0	1 450	-20…+75	95 000 / 37 500	160 000	①
4314 NM*	150	88,2	**24**	12...28	36	4,9	■	2,0	2 150	-20…+75	85 000 / 32 500	142 000	②
4314 NN	190	112	**24**	12...28	41	5,5	■	4,0	2 700	-20…+75	72 500 / 30 000	122 000	③
4318 NN*	190	112	**48**	36...60	41	5,5	■	4,0	2 700	-20…+75	72 500 / 30 000	122 000	③

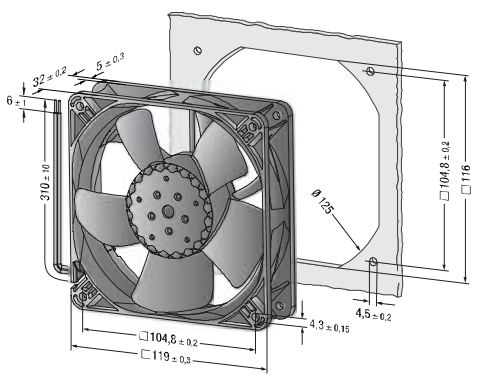
Subject to change
* On request

		n min⁻¹	P_{ed} W	Lw_A Bel(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
①	①	1 450	1,0	4,1	95 000	37 500	160 000
①	②	1 410	1,0	4,1	95 000	37 500	160 000
①	③	1 400	1,0	4,0	92 500	37 500	155 000
①	④	1 430	1,0	3,9	92 500	37 500	155 000
①	⑤	1 440	1,0	4,4	90 000	35 000	152 500
②	①	2 150	2,0	5,1	85 000	32 500	142 000
②	②	2 100	2,1	5,0	85 000	32 500	142 000
②	③	2 080	2,2	4,9	82 500	32 500	140 000
②	④	2 080	2,2	4,9	82 500	32 500	140 000
②	⑤	2 090	2,1	5,2	80 000	32 500	135 000

		n min⁻¹	P_{ed} W	Lw_A Bel(A)	L_{10} (40 °C)	L_{10} (T_{max})	L_{10IPC} (40 °C)
③	①	2 700	4,0	5,7	72 500	30 000	122 000
③	②	2 625	4,2	5,6	72 500	30 000	122 000
③	③	2 590	4,3	5,5	70 000	27 500	117 500
③	④	2 595	4,3	5,5	70 000	27 500	117 500
③	⑤	2 610	4,2	5,6	65 000	25 000	110 000



Air performance measured as per: ISO 5801.
Installation category A, without accidental contact.
Noise: Total sound power level LWA ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level LpA 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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