

Max. 130 m³/h
S-Panther

DC axial fans

□ 80 x 32 mm

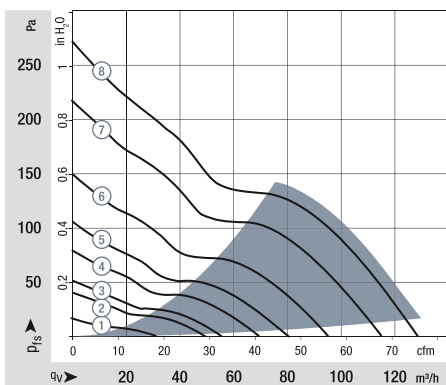


- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise,
looking towards rotor
- **Connection:** Via single wires AWG 26,
TR 64
- **Weight:** 160 g

- **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												Service life L ₁₀ (40 °C) ebm-papst standard	Service life L ₁₀ (T _{max}) ebm-papst standard	Life expectancy L ₁₀ (PC) (40 °C)	Curve
Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range				
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	40	■	0.9	2 100	-20...+75	105 000 / 42 500	180 000	①	
NEW	8312 NM	50	30	12	6...15	32	45	■	1.2	3 300	-20...+75	102 500 / 40 000	170 000	②	
NEW	8312 NN	56	33	12	6...15	33	47	■	1.5	3 700	-20...+75	97 500 / 37 500	162 500	③	
NEW	8312 NHL	70	41	12	6...15	39	52	■	2.3	4 600	-20...+75	92 500 / 37 500	155 000	④	
NEW	8312 NH	80	47	12	6...15	42	55	■	3.5	5 300	-20...+75	82 500 / 32 500	140 000	⑤	
NEW	8312 NHH	95	56	12	6...15	48	60	■	5.8	6 300	-20...+75	72 500 / 27 500	120 000	⑥	
NEW	8312 NH3	115	68	12	6...13.8	53	66	■	9.2	7 600	-20...+70	57 500 / 30 000	100 000	⑦	
NEW	8312 NH4	130	77	12	6...15	56	69	■	11	8 500	-20...+70	52 500 / 25 000	87 500	⑧	
NEW	8314 NL	32	19	24	12...28	24	40	■	0.9	2 100	-20...+75	105 000 / 42 500	180 000	①	
NEW	8314 NM	50	30	24	12...28	32	45	■	1.2	3 300	-20...+75	102 500 / 40 000	170 000	②	
NEW	8314 NN	56	33	24	12...28	33	47	■	1.5	3 700	-20...+75	97 500 / 37 500	162 500	③	
NEW	8314 NHL	70	41	24	12...28	39	52	■	2.3	4 600	-20...+75	92 500 / 37 500	155 000	④	
NEW	8314 NH	80	47	24	12...28	42	55	■	3.5	5 300	-20...+75	82 500 / 32 500	140 000	⑤	
NEW	8314 NHH	95	56	24	12...28	48	60	■	5.8	6 300	-20...+75	72 500 / 27 500	120 000	⑥	
NEW	8314 NH3	115	68	24	12...26.4	53	66	■	9.2	7 600	-20...+70	57 500 / 30 000	100 000	⑦	
NEW	8314 NH4	130	77	24	12...28	56	69	■	11	8 500	-20...+70	52 500 / 25 000	87 500	⑧	
NEW	8318 NN	56	33	48	36...60	33	47	■	1.5	3 700	-20...+75	97 500 / 37 500	162 500	③	
NEW	8318 NH	80	47	48	36...60	42	55	■	3.5	5 300	-20...+75	82 500 / 32 500	140 000	⑤	
NEW	8318 NHH	95	56	48	36...60	48	60	■	5.8	6 300	-20...+75	72 500 / 27 500	120 000	⑥	
NEW	8318 NH3	115	68	48	36...56	53	66	■	9.2	7 600	-20...+70	57 500 / 30 000	100 000	⑦	
NEW	8318 NH4	130	77	48	36...60	56	69	■	11	8 500	-20...+70	52 500 / 25 000	87 500	⑧	



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>

