

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

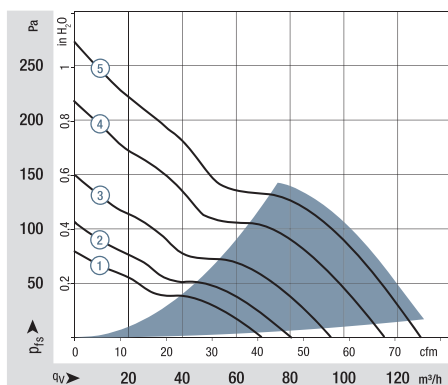
1) Fiberglass-reinforced plastic

Series 8300 N
WVC0080PUFBS

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 ₁₀ (40 °C) ebm-papst standard	Service life L ₁₀ (T _{max}) ebm-papst standard	Life expectancy L ₁₀ IPC (40 °C) see page 15	Curve
	m ³ /h	cfm	VDC	VDC	dB(A)	Bel(A)	Watts	rpm ⁻¹	°C	Hours								
8312 NHL	70	41	12	6...15	39	5.2	■	2.9	4 600	-20...+75	92 500 / 37 500	155 000	①					
8312 NH	80	47	12	6...15	42	5.5	■	4.0	5 300	-20...+75	82 500 / 32 500	140 000	②					
8312 NHH	95	56	12	6...15	48	6.0	■	5.4	6 300	-20...+75	72 500 / 27 500	120 000	③					
8312 NH3	115	68	12	6...13.2	53	6.6	■	9.4	7 600	-20...+75	57 500 / 25 000	100 000	④					
8312 NH4	130	77	12	6...12.8	56	6.9	■	12.6	8 500	-20...+60	52 500 / 32 500	87 500	⑤					
8314 NHL	70	41	24	12...28	39	5.2	■	2.6	4 600	-20...+75	92 500 / 37 500	155 000	①					
8314 NH	80	47	24	12...28	42	5.5	■	3.6	5 300	-20...+75	82 500 / 32 500	140 000	②					
8314 NHH	95	56	24	12...28	48	6.0	■	5.0	6 300	-20...+75	72 500 / 27 500	120 000	③					
8314 NH3	115	68	24	12...28	53	6.6	■	8.8	7 600	-20...+75	57 500 / 25 000	100 000	④					
8314 N/2H3P	115	68	24	18...28	53	6.6	■	8.0	7 600	-20...+75	75 000 / 30 000	127 500	④					
8318 NHL	70	41	48	36...60	39	5.2	■	2.3	4 600	-20...+75	92 500 / 37 500	155 000	①					
8318 NH	80	47	48	36...60	42	5.5	■	3.5	5 300	-20...+75	82 500 / 32 500	140 000	②					
8318 NHH	95	56	48	36...60	48	6.0	■	5.8	6 300	-20...+75	72 500 / 27 500	120 000	③					
8318 NH3	115	68	48	36...52.8	53	6.6	■	8.9	7 600	-20...+75	57 500 / 25 000	100 000	④					

Änderungen vorbehalten



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>

