

Max. 130 m³/h
S-Panther

DC axial fans

□ 80 x 32 mm

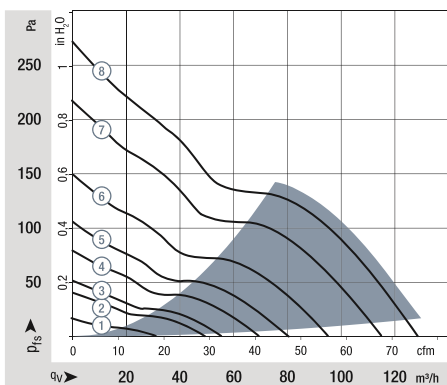


- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 26, TR 64
- **Weight:** 160 g

- **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 | | 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 ₁₀ (PC (40 °C) | Curve |
|---------------|----------|-------------------|-----|-----------------|---------------|----------------------|-------------------|---|-------------------|-------------------|-------------------|--|--|--|-------|
| Nominal data | Type | m ³ /h | cfm | VDC | VDC | dB(A) | Bel(A) | □ / ■ | Watts | rpm ⁻¹ | °C | Hours | Hours | Hours | Curve |
| 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_w A ISO 10302 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_p A 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>

