

Max. 180 m³/h

AC axial fans

□ 119 x 38 mm

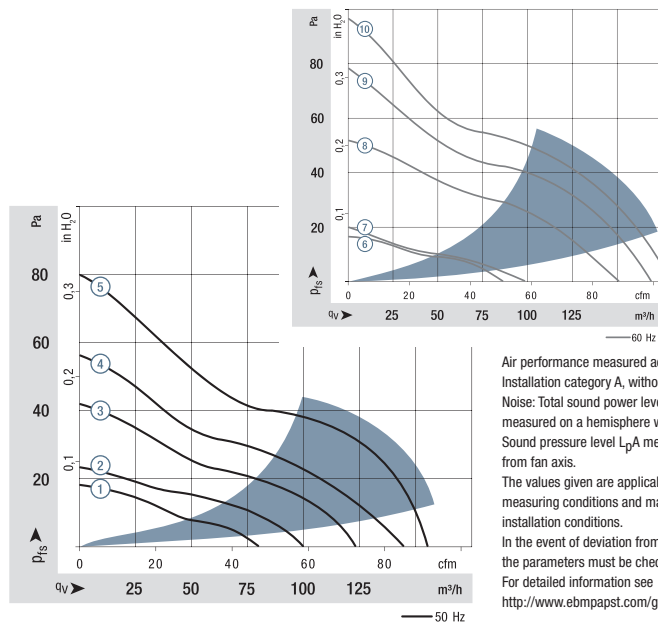


- **Material:** Housing: Die-cast aluminum
Impeller: painted sheet steel
 - **Direction of air flow:** Intake over struts
Types 4890 N and 4840 N
Exhaust over struts
 - **Direction of rotation:** Clockwise,
looking towards rotor
 - **Connection:** Via 2 flat plugs 2.8 x 0.5 mm
grounding lug for M4
 - **Weight:** 550 g
 - **Note:** Please note our ACmaxx series. With identical mounting dimensions and voltages, this series achieves greater energy efficiency. See from page 200.
- **Available as an option:** Versions with reinforced mounting flanges and exposed external single wires.
 - **Possible special versions:** (See page 10)
 - Speed signal
 - Moisture protection
 - Salt spray protection
 - Degree of protection: IP 54 / IP 65

Series 4000 N
VUC0119XQHCS

| Nominal data | Air flow | | Nominal voltage | Frequency | 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 | | | | | | | | | | | | |
| 4890 N | 80 | 47.0 | 230 | 50 | 25 | 4.0 | ■ | 11.0 | 1 550 | -10...+70 | 55 000 / 27 500 | 92 500 | ① | |
| 4850 N* | 100 | 58.8 | 230 | 50 | 32 | 4.4 | ■ | 10.0 | 1 800 | -10...+70 | 57 500 / 30 000 | 97 500 | ② | |
| 4580 N* | 123 | 72.3 | 230 | 50 | 41 | 5.2 | ■ | 18.0 | 2 350 | -10...+55 | 40 000 / 27 500 | 67 500 | ③ | |
| 4550 N* | 145 | 85.2 | 230 | 50 | 44 | 5.4 | ■ | 16.5 | 2 550 | -10...+55 | 42 500 / 30 000 | 72 500 | ④ | |
| 4650 N | 160 | 94.1 | 230 | 50 | 46 | 5.4 | ■ | 19.0 | 2 650 | -10...+55 | 37 500 / 27 500 | 62 500 | ⑤ | |
| 4656 N | 160 | 94.1 | 230 | 50 | 47 | 5.5 | ■ | 19.0 | 2 650 | -40...+85 | 37 500 / 10 000 | 62 500 | ⑤ | |
| 4840 N | 85 | 50.0 | 115 | 60 | 26 | 4.1 | ■ | 10.0 | 1 650 | -10...+75 | 57 500 / 22 500 | 97 500 | ⑥ | |
| 4800 N* | 97 | 57.0 | 115 | 60 | 32 | 4.3 | ■ | 9.0 | 1 750 | -10...+75 | 60 000 / 25 000 | 102 500 | ⑦ | |
| 4530 N* | 151 | 88.8 | 115 | 60 | 45 | 5.4 | ■ | 16.0 | 2 700 | -10...+65 | 42 500 / 25 000 | 72 500 | ⑧ | |
| 4500 N* | 169 | 100 | 115 | 60 | 48 | 5.7 | ■ | 15.0 | 3 000 | -10...+65 | 47 500 / 27 500 | 80 000 | ⑨ | |
| 4600 N | 180 | 106 | 115 | 60 | 50 | 5.7 | ■ | 18.0 | 3 100 | -10...+60 | 40 000 / 25 000 | 67 500 | ⑩ | |
| 4606 N | 180 | 106 | 115 | 60 | 51 | 5.8 | ■ | 18.0 | 3 100 | -40...+90 | 40 000 / 8 000 | 67 500 | ⑩ | |

Subject to change



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>

