

Max. 180 m³/h

AC axial fans

□ 119 x 38 mm

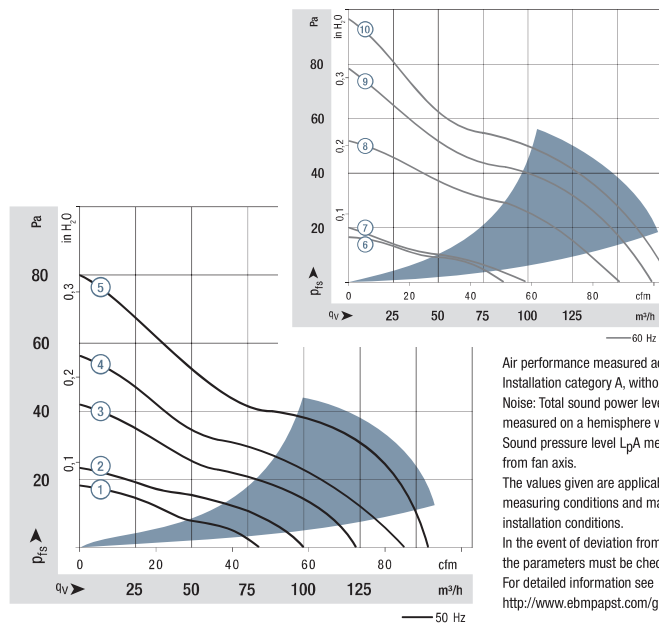


- **Material:** Housing: Die-cast aluminum
Impeller: painted sheet steel
 - **Direction of air flow:** Intake over struts
Types 4890 N and 4840 N
Exhaust over struts
 - **Direction of rotation:** Clockwise,
looking towards rotor
 - **Connection:** Via 2 flat plugs 2.8 x 0.5 mm
grounding lug for M4
 - **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

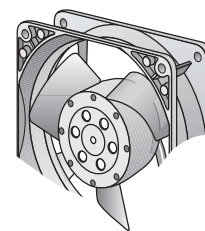
Series 4000 N
VUC0119XQHCS

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
Type	m ³ /h	cfm	VAC	Hz	dB(A)	Bel(A)	□ / ■	Watts	rpm ⁻¹	°C	Hours	Hours		
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



* Fan with 3 blades.

