

Max. 180 m³/h

AC axial fans

□ 119 x 38 mm

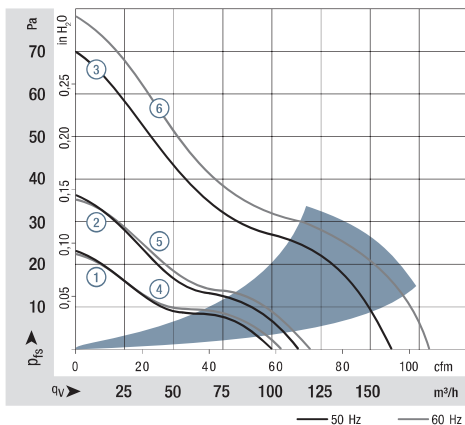


- **Material:** Housing: Die-cast aluminum
Impeller: painted sheet steel
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise, looking towards rotor
 - **Connection:** Via 2 flat plugs 2.8 x 0.5 mm grounding lug for M4 x 8
 - **Weight:** 540 g
 - **Note:** Please note our ACmaxx series. With identical mounting dimensions and voltages, this series achieves greater energy efficiency. See from page 200.
- **Possible special versions:** (See page 10)
 - Speed signal
 - Moisture protection
 - Salt spray protection
 - Degree of protection: IP 54 / IP 65

Series 4000 Z
WVC0119XQHCS

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												
4850 Z	100	58.8	230	50	26	4.0	□	13.0	1 700	-10...+65	50 000 / 27 500	85 000	85 000	①
4856 Z	100	58.8	230	50	26	4.0	■	13.0	1 700	-40...+75	50 000 / 20 000	85 000	85 000	①
4580 Z	115	67.6	230	50	30	4.3	□	13.0	1 900	-10...+65	50 000 / 27 500	85 000	85 000	②
4586 Z	115	67.6	230	50	30	4.3	■	13.0	1 900	-40...+75	50 000 / 20 000	85 000	85 000	②
4650 Z	160	94.1	230	50	40	5.3	□	19.0	2 650	-10...+50	37 500 / 30 000	62 500	62 500	③
4656 Z	160	94.1	230	50	40	5.3	■	19.0	2 650	-40...+75	37 500 / 15 000	62 500	62 500	③
4800 Z	105	61.7	115	60	28	4.1	□	12.0	1 800	-10...+70	52 500 / 27 500	87 500	87 500	④
4806 Z	105	61.7	115	60	28	4.1	■	12.0	1 800	-40...+75	52 500 / 20 000	87 500	87 500	④
4536 Z	120	70.5	115	60	32	4.4	■	12.0	2 000	-40...+75	52 500 / 20 000	87 500	87 500	⑤
4600 Z	180	106	115	60	45	5.6	□	18.0	3 100	-10...+60	40 000 / 25 000	67 500	67 500	⑥
4606 Z	180	106	115	60	45	5.6	■	18.0	3 100	-40...+85	40 000 / 10 000	67 500	67 500	⑥

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

