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.

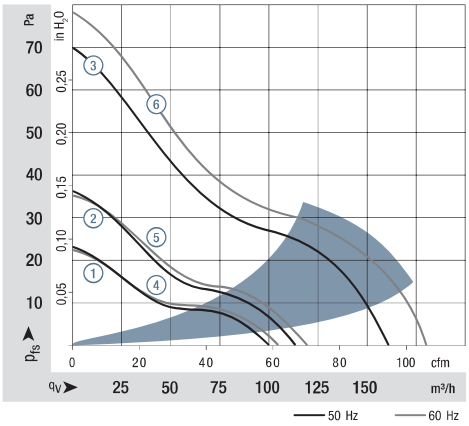
- **Possible special versions:**
  (See page 10)
  - Speed signal
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 65

Series 4000 Z
VWC0119XQHCS

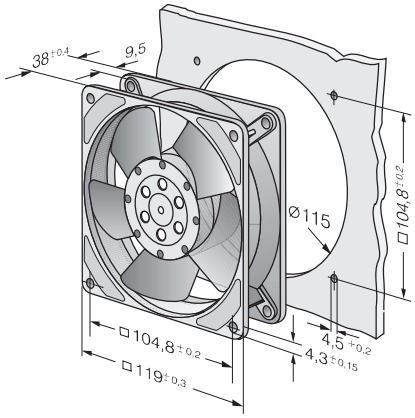
Nominal data

Type	Air flow m³/h	Air flow cfm	Nominal voltage VAC	Frequency Hz	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings □ / Ball bearings ■	Power consumption Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L_{10} (40 °C) ebm-papst standard Hours	Service life L_{10} (T_{max}) ebm-papst standard Hours	Life expectancy L_{10IPC} (40 °C) see page 15 Hours	Curve
4850 Z	100	58.8	**230**	**50**	26	4.0	□	13.0	1 700	-10...+65	50 000 / 27 500		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	①
4580 Z	115	67.6	**230**	**50**	30	4.3	□	13.0	1 900	-10...+65	50 000 / 27 500		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	②
4650 Z	160	94.1	**230**	**50**	40	5.3	□	19.0	2 650	-10...+50	37 500 / 30 000		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	③
4800 Z	105	61.7	**115**	**60**	28	4.1	□	12.0	1 800	-10...+70	52 500 / 27 500		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	④
4536 Z	120	70.5	**115**	**60**	32	4.4	■	12.0	2 000	-40...+75	52 500 / 20 000		87 500	⑤
4600 Z	180	106	**115**	**60**	45	5.6	□	18.0	3 100	-10...+60	40 000 / 25 000		67 500	⑥
4606 Z	180	106	**115**	**60**	45	5.6	■	18.0	3 100	-40...+85	40 000 / 10 000		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



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