

max. 180 m³/h

AC axial fans

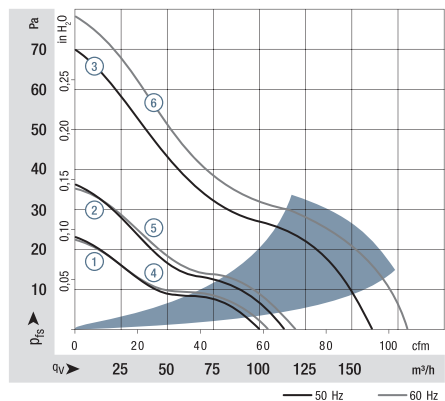
□ 119 x 38 mm



- **Material:** Housing: Die-cast aluminium
Impeller: Painted sheet steel
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise, seen on rotor
 - **Connection:** Via 2 flat plugs 2,8 x 0,5 mm
grounding lug for M4 x 8
 - **Mass:** 540 g
 - **Note:** Please note our new ACmaxx series. With identical mounting dimensions and voltages, this series achieves higher energy efficiency. See page 192.
- **Possible special versions:** (See page 12)
 - Speed signal
 - Humidity protection
 - Salt fog protection
 - Degree of protection: IP 54 / IP 68

Series 4000 Z													
Nominal data	Air flow		Nominal voltage	Frequency	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L ₁₀		Curve
	m ³ /h	cfm									VAC	Hz	
4850 Z	100	59	230	50	26	4,0	□	13,0	1 700	-10...+65	50 000 / 27 500		①
4856 Z	100	59	230	50	26	4,0	■	13,0	1 700	-40...+75	50 000 / 20 000		①
4580 Z	115	68	230	50	30	4,3	□	13,0	1 900	-10...+65	50 000 / 27 500		②
4586 Z	115	68	230	50	30	4,3	■	13,0	1 900	-40...+75	50 000 / 20 000		②
4650 Z	160	94	230	50	40	5,3	□	19,0	2 650	-10...+50	37 500 / 30 000		③
4656 Z	160	94	230	50	40	5,3	■	19,0	2 650	-40...+75	37 500 / 17 500		③
4800 Z	105	62	115	60	28	4,1	□	12,0	1 800	-10...+70	52 500 / 25 000		④
4806 Z	105	62	115	60	28	4,1	■	12,0	1 800	-40...+75	52 500 / 17 500		④
4530 Z	120	71	115	60	32	4,4	□	12,0	2 000	-10...+70	52 500 / 25 000		⑤
4536 Z	120	71	115	60	32	4,4	■	12,0	2 000	-40...+75	52 500 / 17 500		⑤
4600 Z	180	106	115	60	45	5,6	□	18,0	3 100	-10...+60	40 000 / 25 000		⑥
4606 Z	180	106	115	60	45	5,6	■	18,0	3 100	-40...+85	40 000 / 15 000		⑥

Subject to alterations



Air performance measured as per: ISO 5801, installation category A, without accidental contact.
Noise: Total sound power level L_{WA} ISO 103002 measured on half-sphere of 2 m;
Sound pressure level L_{pA} measured at 1 m distance to fan axis.
The acoustic values are only valid for the described measurement set-up and may vary depending on the installation situation. In case of any deviation to the standard setup, the values have to be checked and reviewed once installed or fitted. For detailed information see http://www.ebmpapst.com/general_conditions

