

max. 1920 m³/h

DC axial fans

W1G 250 280 x 280 x 80 mm



- Material: Die-cast aluminium wall ring, 7 sheet steel blades. Blades and rotor coated in black.
- Protected against reverse polarity and locking.
- Direction of air flow: "V", exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Type of protection: IP 42. Insulation class: "B".
- Maintenance-free ball bearings.
- Control input 0-10 V DC / PWM and tach output.
- Electrical connection with terminal strip.
- Continuous operation (S1).
- Mass: 2.4 kg.

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Curve
	m ³ /h	CFM											
W1G 250-HH37-52	1920	1130,1	24	16...28	70	—	■	105,0	2 750	-25...+60	57 000 / 38 000		1
W1G 250-HH67-52	1920	1130,1	48	36...57	70	—	■	105,0	2 750	-25...+60	57 000 / 38 000		1

	n [RPM]	P ₁ [W]	Lp _A [dB(A)]
① ①	2920	129	71
① ②	2800	132	72
① ③	2680	135	71
① ④	2600	139	72
① ⑤	2750	105	70
① ⑥	2630	110	69
① ⑦	2520	111	69
① ⑧	2440	114	70
① ⑨	2610	73	66
① ⑩	2320	75	67
① ⑪	2230	78	67
① ⑫	2170	80	68

