

EC axial fans

with brushless DC motor, Ø 300

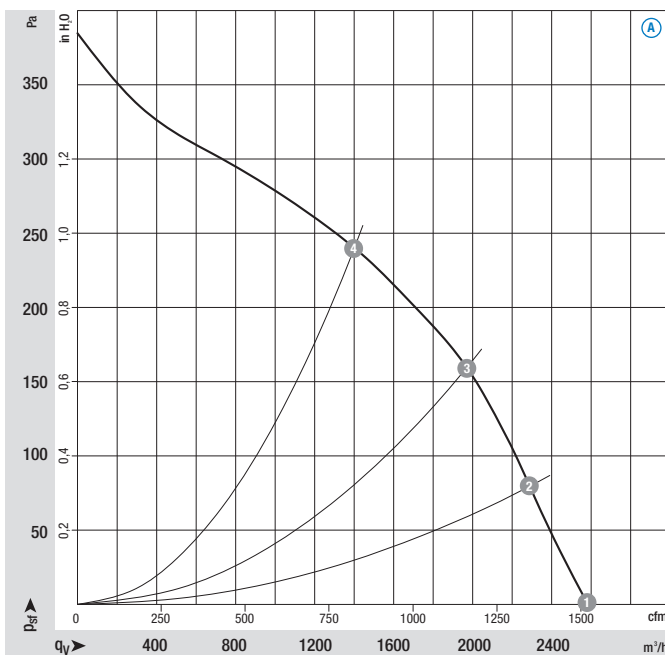


- **Material:** Wall ring: PA plastic, coloured black
Impeller: PA plastic, coloured black (conforms to UL 94 HB)
- **Direction of rotation:** Clockwise, seen on rotor
- **Direction of air flow:** "V", exhaust over struts
- **Type of protection:** Motor: IP 24 KM, Electronics: IP 66 / 69 K
- **Insulation class:** "B" in accordance with EN 60335-1
- **Mounting position:** Any
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings
- **Motor protection:** Overtemperature protection, reverse polarity and locked-rotor protection, load dump protection, under-voltage detection
- **EMC requirements:** VDE 0879-2, interference suppression grade 5
- **Qualified to:** DIN ISO 16750

Nominal data		Curve	Nominal voltage	Nominal voltage range	Flow rate	Speed/rpm	Input power	Current draw	Sound pressure level	Perm. amb. temp.	Mass	Electr. connection
Type	Motor	VDC	VDC	m ³ /h	rpm	W	A	dB(A)	°C	kg		
W3G300-BV12 -41 ⁽¹⁾	M3G084-BF	Ⓐ	13	9-16	2580	3130	190	14,8	72	-40..+105 ⁽²⁾	2,0	K

subject to alterations (1) 12-volt variant (2) over + 90 °C with power derating

Curves



Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact

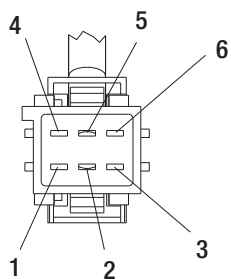
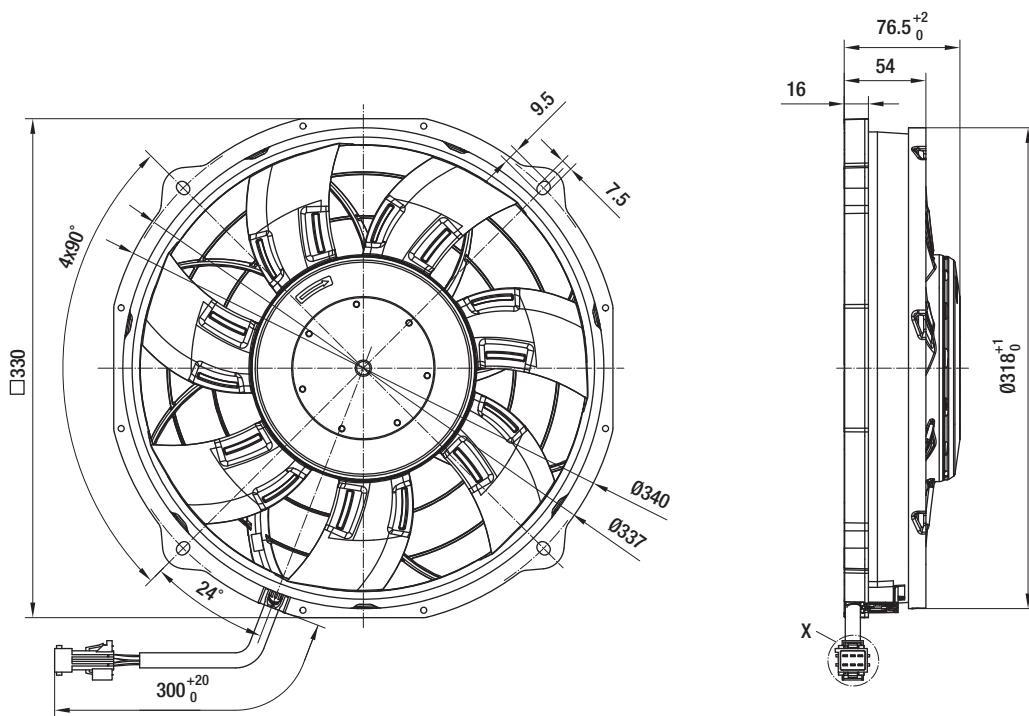
	n rpm	P _e W	I A	L _{pA} dB(A)
Ⓐ 1	3130	190	14,8	72
Ⓐ 2	3110	210	16,2	71
Ⓐ 3	3010	224	17,3	69
Ⓐ 4	2870	224	17,3	70

Suction-side noise levels:
L_{pA} measured at 1 m distance to fan axis

The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!

For detailed information see page 56 ff.



View X

- 1 = + UB black
 - 2 = GND brown
 - 3 = PWM/LIN* yellow
 - 4 = NC (not assigned)
 - 5 = LOWER blue
 - 6 = Diagnostic output white
- AMP Junior Power Timer, 6-pole, coded;
 connecting lead (460 mm) with mating plug;
 part no. 02002-4-1021 (not included in delivery)

* optionally LIN-BUS