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Limited partnership · Headquarters Mulfingen

County court Stuttgart · HRA 590344

General partner: Elektrobau Mulfingen GmbH · Headquarters Mulfingen

County court Stuttgart · HRB 590142

Nominal data

Type	W2G110-AK67-24	
Motor	M2G045-BA	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 14
Type of data definition		fa
Speed	min ⁻¹	4400
Power input	W	17
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	+ 72

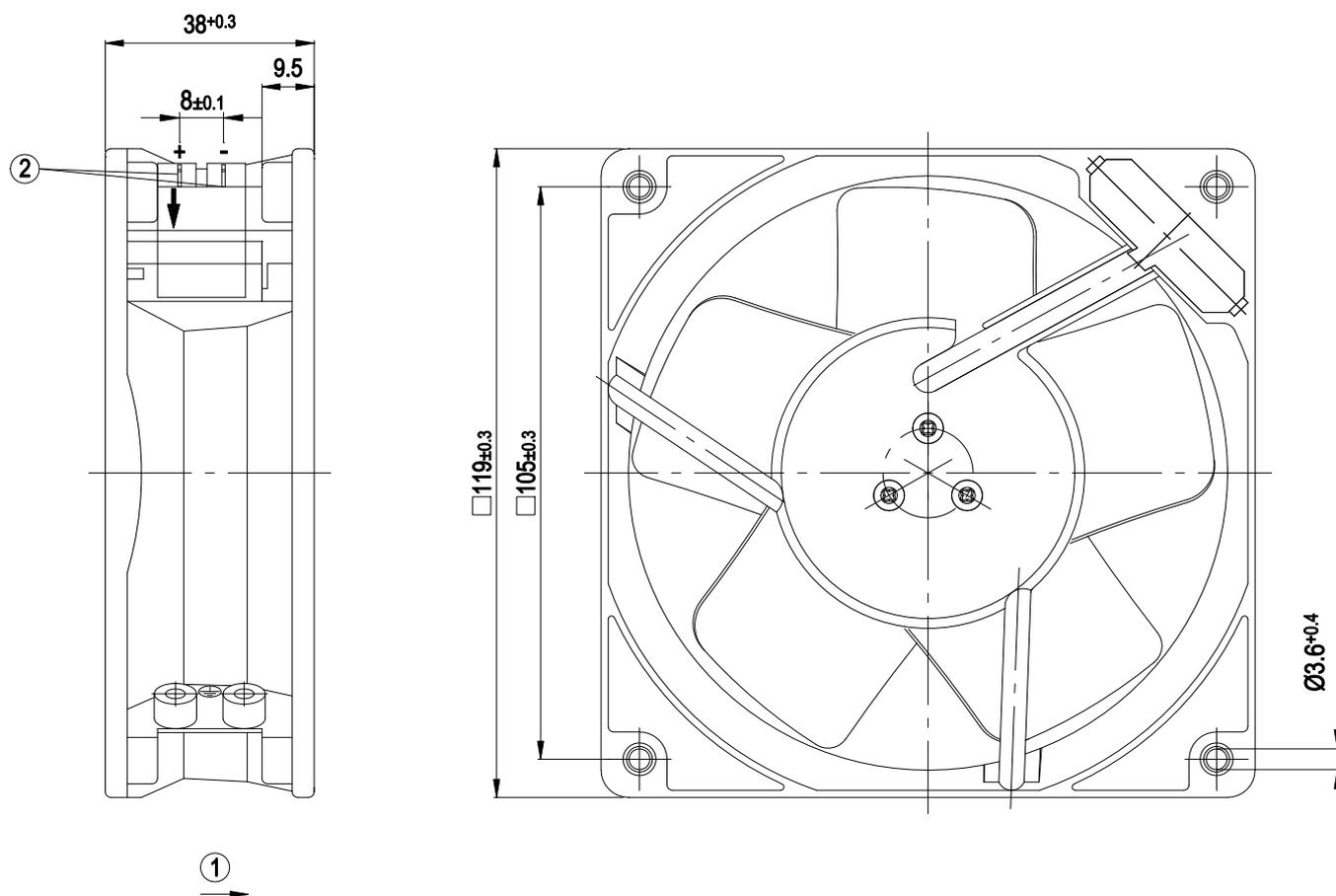
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
 Subject to alterations



Technical features

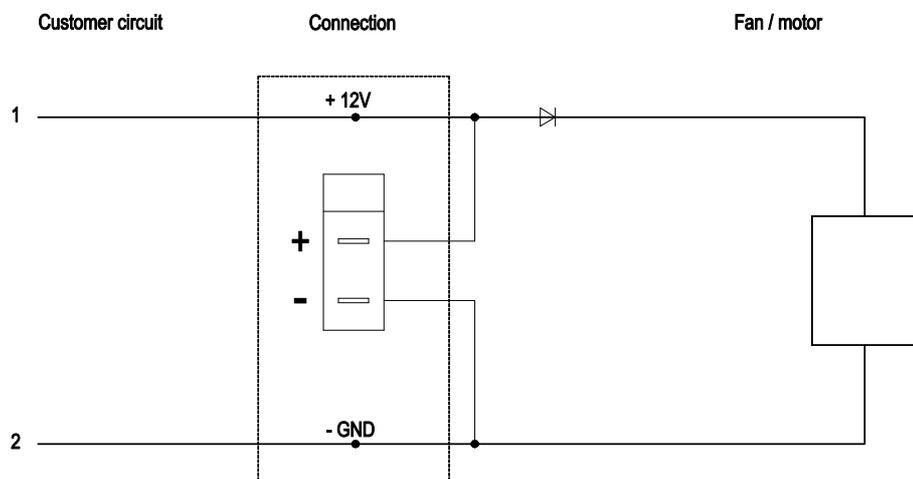
Mass	0.5 kg
Size	110 mm
Surface of rotor	Coated in black
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium, coated in black
Number of blades	5
Direction of air flow	"A"
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 42; Depending on installation and position as per EN 60034-5
Insulation class	"B"
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensate discharge holes	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Electrical leads	With plug
Motor protection	Reverse polarity and locked-rotor protection
Product conforming to standard	EN 60950-1
Approval	CSA C22.2 Nr.113; UL 507

Product drawing



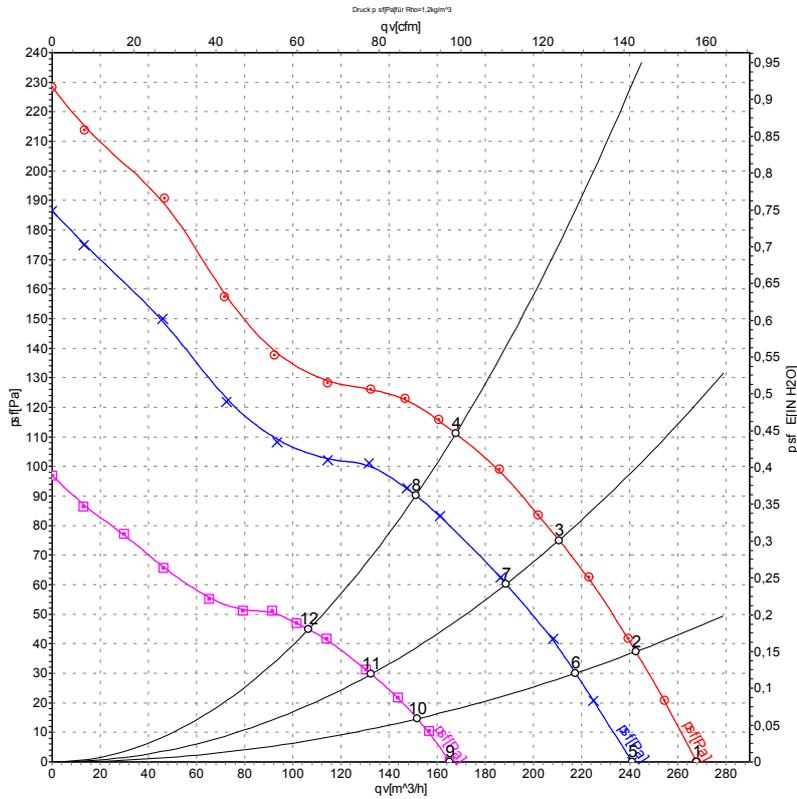
1	Direction of air flow "A"
2	2 x flat plugs 2.8x0.5 (AMP no. 170058-2)

Connection screen



Line	No.	Signal	Colour	Function / assignment
1	1	UN +12V	red	Power supply +12 V/voltage range refer to rating plate, residual ripple $\pm 3.5\%$
1	2	GND	blue	Reference mass

Charts: Air flow



Measurement: LU-14202
 Measurement: LU-14201
 Measurement: LU-14203

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	n	P _e	I	qv	p _{sf}
	V	min ⁻¹	W	A	m ³ /h	Pa
1	14	4985	22	1.60	270	0
2	14	4840	23	1.65	245	37
3	14	4695	24	1.70	210	75
4	14	4570	24	1.73	170	111
5	12	4400	17	1.27	240	0
6	12	4325	17	1.36	220	30
7	12	4195	17	1.41	190	60
8	12	4095	18	1.49	150	90
9	8	3085	4.9	0.61	165	0
10	8	3025	5.7	0.71	150	15
11	8	2965	6.4	0.81	135	30
12	8	2910	6.5	0.81	105	45

