

Nominal data

Type	W2G130-AA33-01	
Motor	M2G055-BD	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 28
Frequency	Hz	-
Type of data definition		fa
Speed	min ⁻¹	3150
Power input	W	16
Current draw	A	0.74
Min. ambient temperature	°C	- 25
Max. ambient temperature	°C	+60

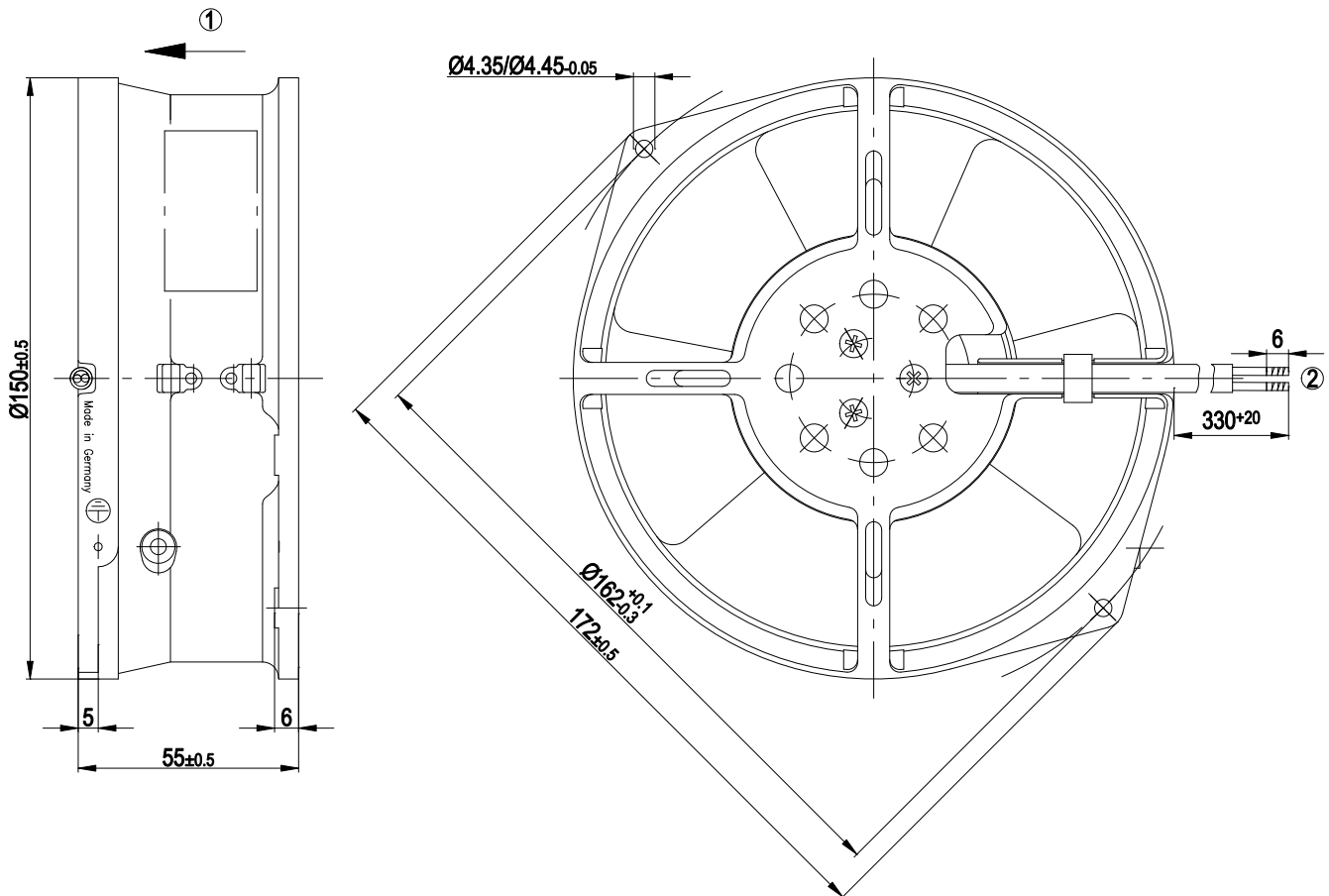
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

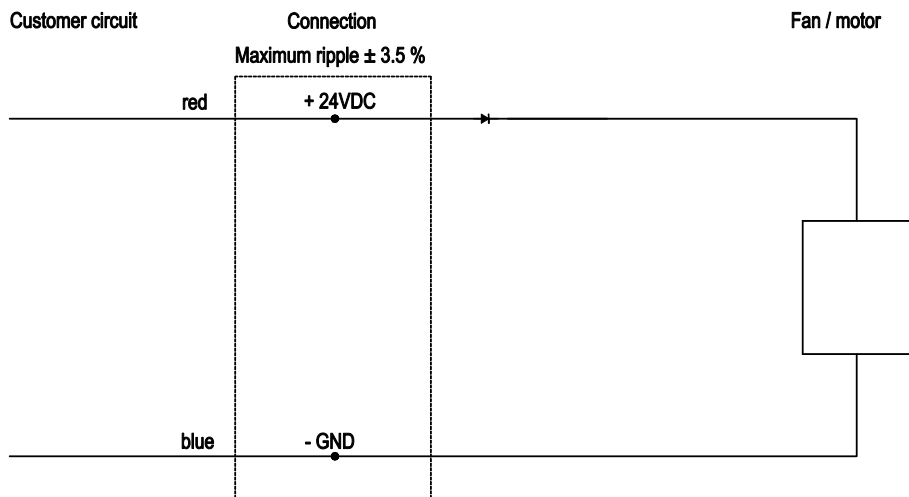
Mass	0.9 kg
Size	130 mm
Surface of rotor	Coated in black
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium, coated in black
Number of blades	7
Direction of air flow	"V"
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 20
Insulation class	"B"
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Technical features	- Motor current limit
Motor protection	Reverse polarity and locked-rotor protection
Product conforming to standard	EN 60335-1
Approval	UL 507; CSA C22.2 Nr.113

Product drawing

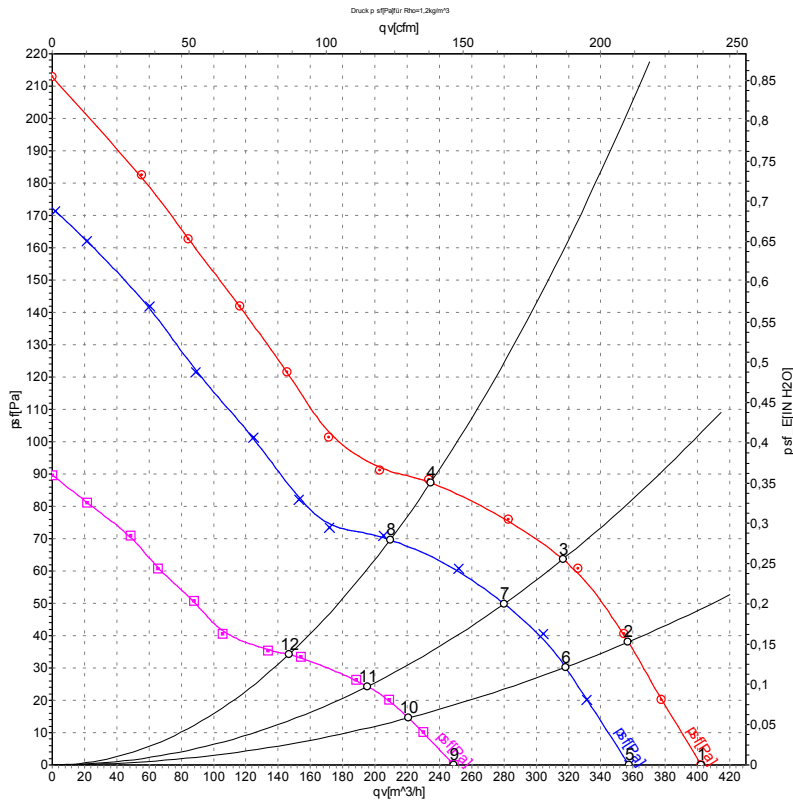


- | | |
|---|--|
| 1 | Direction of air flow "V" |
| 2 | Connection line AWG20, 2 x brass lead tips crimped |

Connection screen



Charts: Air flow



Measurement: LU-47058
 Measurement: LU-47057
 Measurement: LU-47059

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: L_{WA} measured as per ISO 13347 / L_{pA} 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	q _v	p _{sf}
	V	min ⁻¹	W	A	m ³ /h	Pa
1	28	3555	21	0.80	400	0
2	28	3490	22	0.82	355	38
3	28	3430	23	0.84	315	64
4	28	3400	23	0.86	235	88
5	24	3150	16	0.74	360	0
6	24	3105	17	0.75	320	30
7	24	3060	17	0.76	280	50
8	24	3040	17	0.77	210	70
9	16	2210	6.7	0.58	250	0
10	16	2180	7.0	0.59	220	15
11	16	2160	7.3	0.60	195	24
12	16	2155	7.3	0.60	145	34

