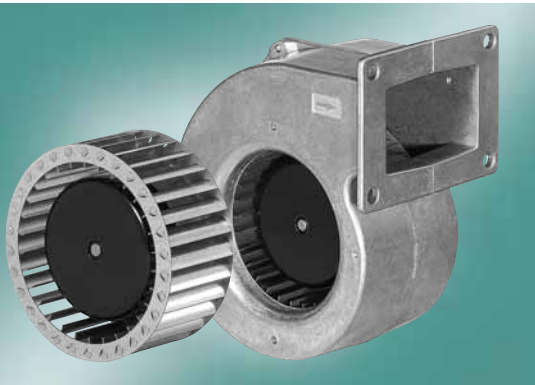


EC centrifugal fans and blowers

single inlet, Ø 108



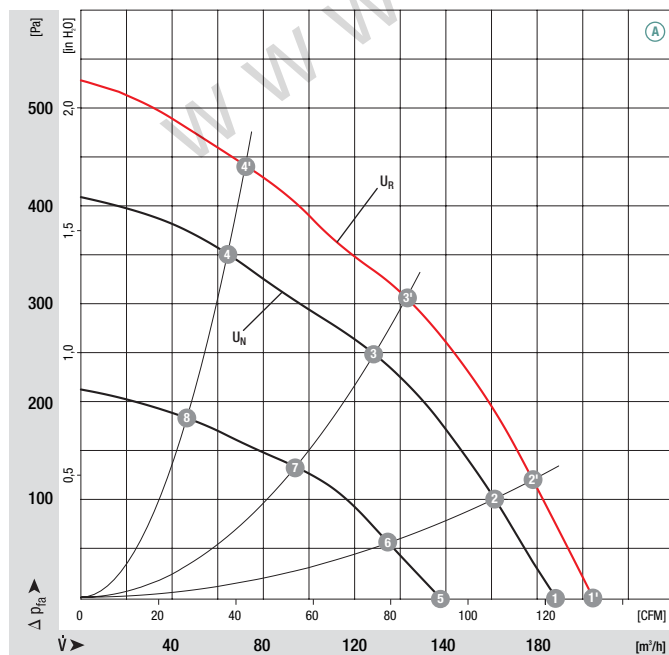
- **Material:** Housing: Die-cast aluminium
Impeller: Hot-dip galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 22
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage VDC	Voltage range VDC	Air flow m³/h	Speed/rpm	Power input W	Current draw A	Sound pressure level dB(A)	Min. back pressure Pa	Perm. amb. temp. °C	Electr. connection p. 600
*1G 108	M1G 055-BD	(A)	24	16-28	200	3000	42	2.00	65	0	-25 to +60	G)
*1G 108	M1G 055-BD	(A)	48	36-57	200	3000	42	1.00	65	0	-25 to +60	G)

subject to alterations

Curves

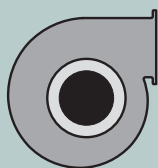


	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{HL} [%]
(A) 1'	3230	55	67	—
(A) 2'	3410	52	66	33
(A) 3'	3800	43	65	41
(A) 4'	4100	35	64	33
(A) 1	3000	42	65	—
(A) 2	3140	40	64	33
(A) 3	3420	32	63	41
(A) 4	3690	26	63	33
(A) 5	2300	20	61	—
(A) 6	2380	17	58	33
(A) 7	2550	14	55	41
(A) 8	2720	11	55	33

- **Technical features:**
 - Control input 0-10 VDC / PWM
- **EMC:** Interference emission acc. to EN 61000-6-3
Interference immunity acc. to EN 61000-6-2
- **Cable exit:** Axial
- **Protection class:** I
- **Product conforming to standard:** EN 60950-1
- **Approvals:** (A) (24 VDC) UL, CSA, (A) (48 VDC) CCC
- Tach output
- Reverse polarity and locked-rotor protection



Mass of centrifugal fan



Mass of centrifugal blower

Centrifugal fan	kg	Centrifugal blower with flange	kg
R1G 108-AB17 -02	0.7	G1G 108-AB17 -02	1.4
R1G 108-AB41 -02	0.7	G1G 108-AB41 -02	1.4

