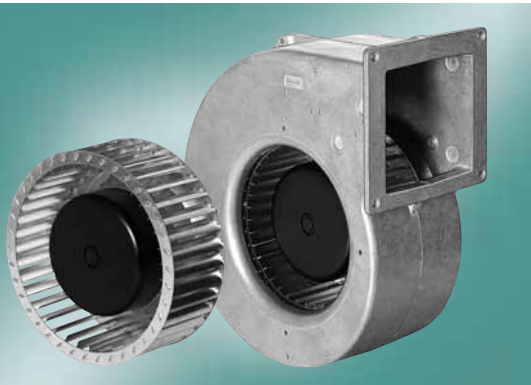


EC centrifugal fans and blowers

single inlet, Ø 160



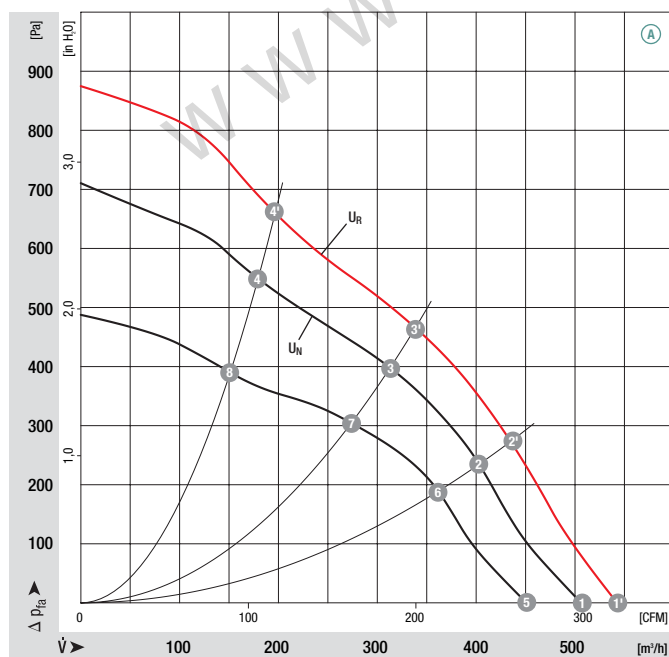
- **Material:** Housing: Die-cast aluminium
Impeller: Hot-dip galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** 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 160	M1G 074-BF	(A)	24	16-28	505	1750	105	5.80	67	0	-25 to +60	G)
*1G 160	M1G 074-BF	(A)	48	36-57	505	1750	105	2.90	67	0	-25 to +60	G)

subject to alterations

Curves

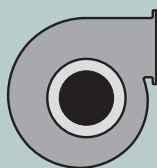


	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{tL} [%]
(A) 1'	1890	134	68	—
(A) 2'	2200	118	67	52
(A) 3'	2500	110	67	57
(A) 4'	2900	102	69	52
(A) 1	1750	105	67	—
(A) 2	2030	95	66	52
(A) 3	2270	90	65	57
(A) 4	2550	81	67	44
(A) 5	1580	72	62	—
(A) 6	1810	66	62	52
(A) 7	2000	58	62	57
(A) 8	2200	48	63	54

- **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:** UL, CSA
- 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 160-AH29 -52	1.4	G1G 160-BH29 -52	2.8
R1G 160-AH39 -52	1.4	G1G 160-BH39 -52	2.8

