

EC centrifugal blowers

dual inlet, Ø 160

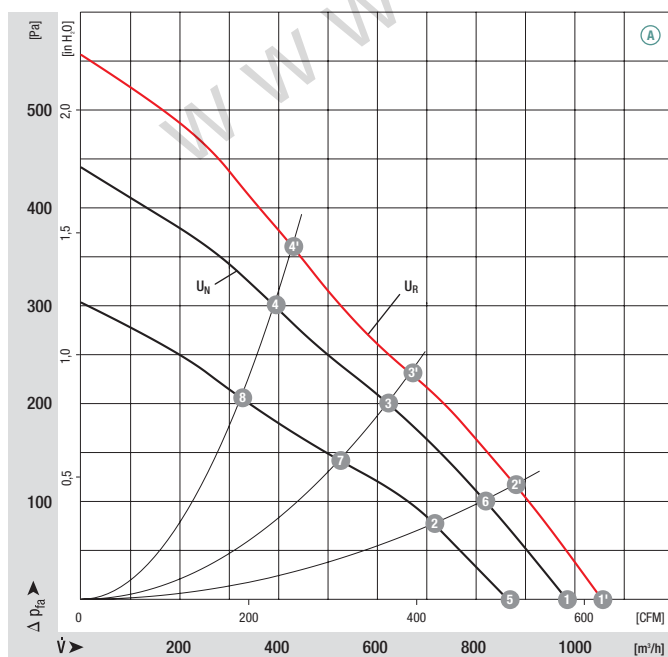


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** Standard external-rotor motor anti-vibration mounted on both sides
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Voltage range	Air flow	Speed/rpm	Power input	Current draw	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VDC	VDC	m³/h	rpm	W	A	dB(A)	Pa	°C	p. 600
D1G 160	M1G 074-CF	(A)	24	16-28	980	1250	112	5.60	60	0	-25 to +60	G)
D1G 160	M1G 074-CF	(A)	48	36-57	980	1250	112	2.90	60	0	-25 to +60	G)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{tL} [%]
(A) 1'	1330	142	63	—
(A) 2'	1520	128	61	64
(A) 3'	1790	115	59	66
(A) 4'	2090	105	60	60
(A) 1	1250	112	60	—
(A) 2	1420	102	59	64
(A) 3	1660	92	58	66
(A) 4	1900	80	58	60
(A) 5	1100	75	58	—
(A) 6	1250	69	56	64
(A) 7	1420	58	54	66
(A) 8	1580	47	53	60

- **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:** Variable
- **Protection class:** I
- **Product conforming to standard:** EN 60950-1
- **Approvals:** UL, CSA
- Tach output
- Reverse polarity and locked-rotor protection



Mass of centrifugal blower

Centrifugal blower without flange

kg

D1G 160-DA19 -52

3.6

D1G 160-DA33 -52

3.6

