

EC centrifugal blowers

dual inlet, Ø 146



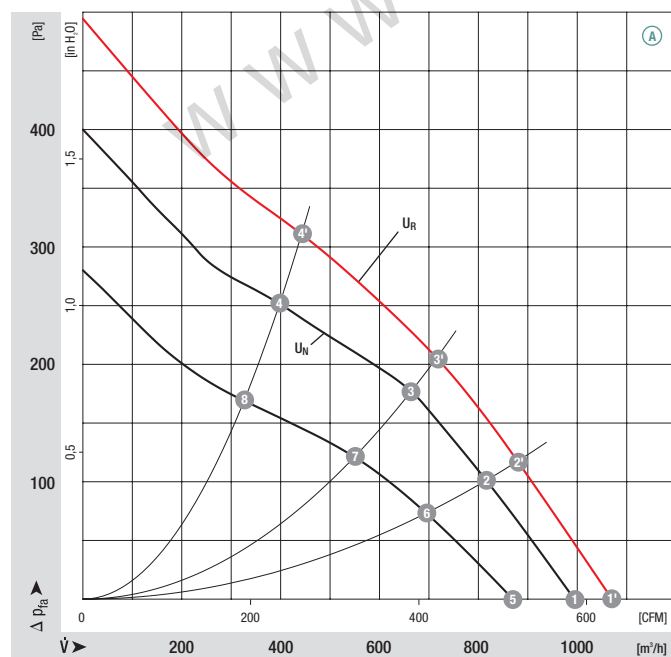
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** Standard external-rotor motor anti-vibration mounted on both sides
- **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
D1G 146	M1G 074-CF	A	24	16-28	1000	1350	105	5.10	61	0	-25 to +60	G)
D1G 146	M1G 074-CF	A	48	36-57	1000	1350	105	2.60	61	0	-25 to +60	G)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{HL} [%]
A 1'	1460	129	63	—
A 2'	1680	119	60	53
A 3'	1890	111	58	61
A 4'	2240	95	59	55
A 1	1350	105	61	—
A 2	1570	95	58	53
A 3	1750	88	56	61
A 4	2010	70	57	55
A 5	1210	70	56	—
A 6	1360	60	54	53
A 7	1460	53	52	61
A 8	1670	42	51	55

- **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 146-AA19 -52

3.5

D1G 146-AA33 -52

3.5

Brass lead tips

