

EC centrifugal blowers

dual inlet, Ø 133



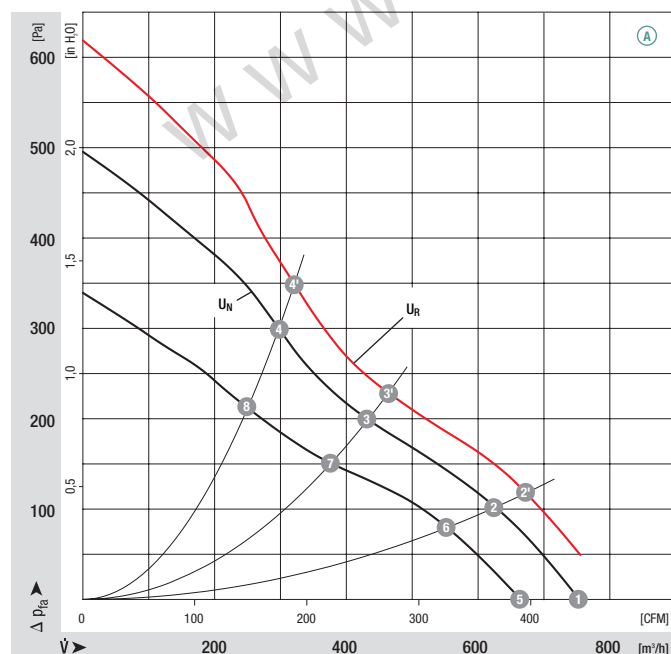
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** 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 133	M1G 074-BF	(A)	24	16-28	700	1780	105	5.60	62	50	-25 to +60	G)
D1G 133	M1G 074-BF	(A)	48	36-57	700	1780	105	2.80	62	50	-25 to +60	G)

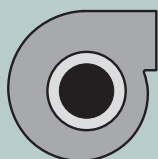
subject to alterations

Curves



	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{tL} [%]
(A) 1'	—	—	—	—
(A) 2'	2050	121	63	49
(A) 3'	2490	106	62	41
(A) 4'	2820	100	62	37
(A) 1	1780	105	62	—
(A) 2	1900	97	61	49
(A) 3	2310	86	59	41
(A) 4	2630	80	60	37
(A) 5	1500	73	59	—
(A) 6	1720	67	57	49
(A) 7	2020	58	56	41
(A) 8	2230	49	56	37

- **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;  (48 VDC) with CCC
- Tach output
- Reverse polarity and locked-rotor protection



Mass of
centrifugal blower

Centrifugal blower
without flange

kg

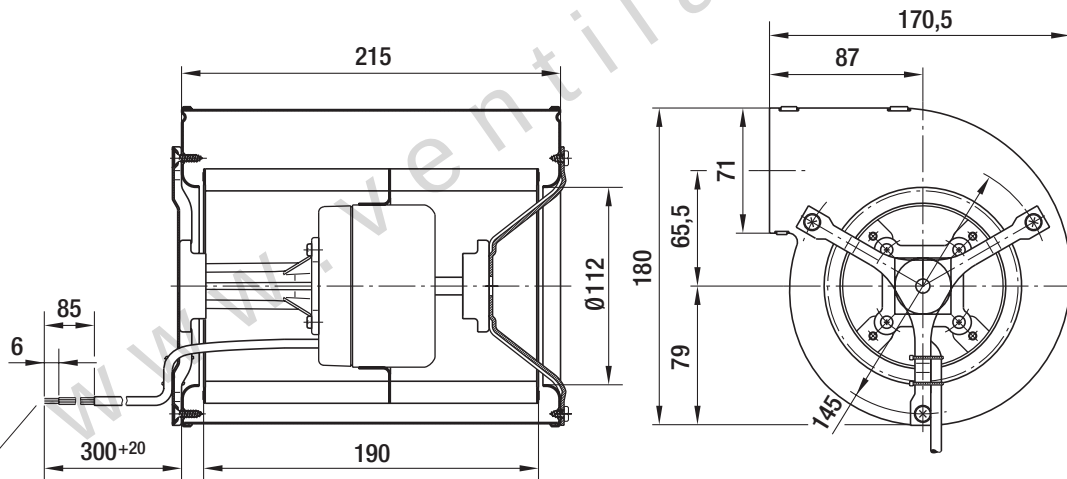
D1G 133-AB29 -52

3.3

D1G 133-AB39 -52

3.3

Brass lead tips



EC centrifugal blowers

dual inlet, Ø 133



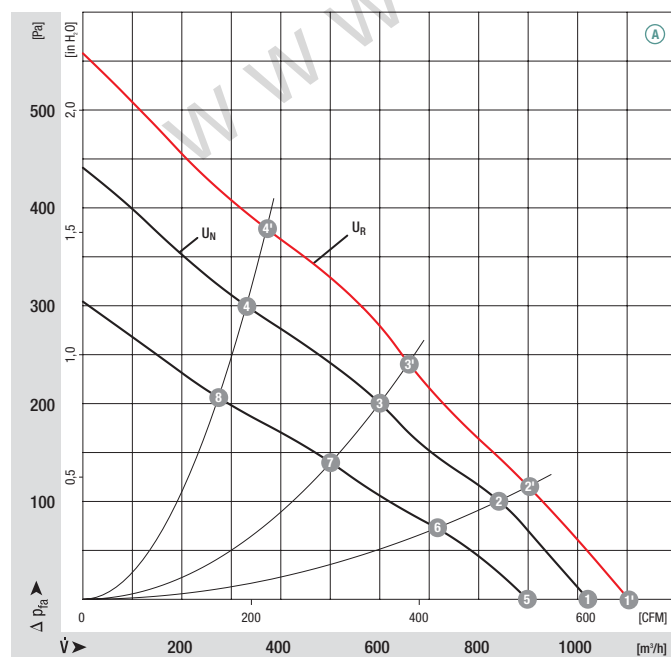
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D1G 133	M1G 074-CF	A	24	16-28	1020	1580	118	6.00	64	0	-25 to +60	G)
D1G 133	M1G 074-CF	A	48	36-57	1020	1580	118	3.00	64	0	-25 to +60	G)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	Lp _A [dB(A)]	η _{HL} [%]
A 1'	1700	145	65	—
A 2'	1930	133	62	38
A 3'	2290	122	59	41
A 4'	2700	99	61	32
A 1	1580	118	64	—
A 2	1790	107	61	38
A 3	2100	95	57	41
A 4	2410	73	58	32
A 5	1400	78	60	—
A 6	1580	70	56	38
A 7	1760	56	53	41
A 8	2000	44	53	32

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 - 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 133-DC13 -52

3.4

D1G 133-DC17 -52

3.4

Brass lead tips

