

EC centrifugal fans

backward curved, Ø 133

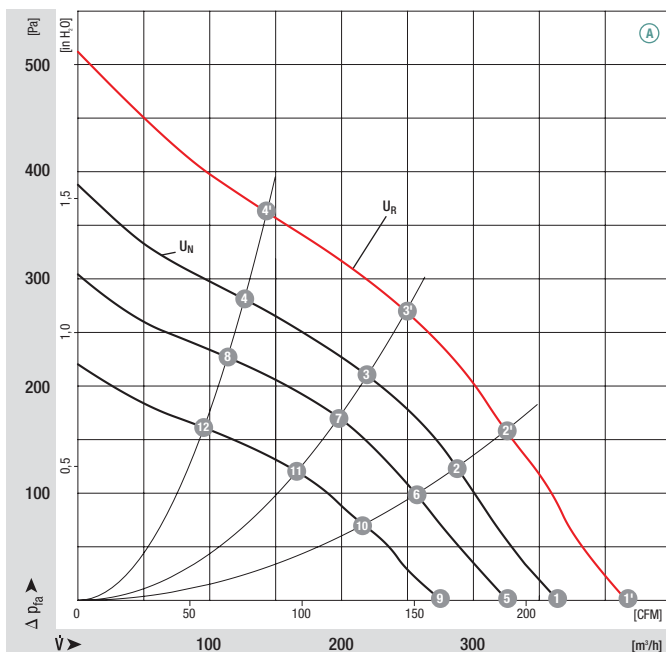


- **Material:** Impeller: PA plastic 6.6, fibreglass-reinforced
Rotor: Galvanised
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 20
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings


Nominal data		Curve	Nominal voltage	Voltage range	Air flow	Speed/rpm	Power input	Current draw	Sound pressure level	Perm. amb. temp.	Electr. connection
Type	Motor	VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	p. 600	
R1G 133	M1G 055-BD	Ⓐ	24	16-28	360	3900	28	1.30	63	-25 to +60	G)
R1G 133	M1G 055-BD	Ⓐ	48	36-57	360	3900	28	0.70	63	-25 to +60	G)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	Lp _A [dB(A)]	η _{HL} [%]
Ⓐ 1'	4450	39	74	—
Ⓐ 2'	4250	44	60	45
Ⓐ 3'	4270	44	59	56
Ⓐ 4'	4380	41	61	44
Ⓐ 1	3900	28	63	—
Ⓐ 2	3770	31	58	45
Ⓐ 3	3770	31	56	56
Ⓐ 4	3850	29	58	44
Ⓐ 5	3500	20	59	—
Ⓐ 6	3380	23	55	45
Ⓐ 7	3400	23	53	56
Ⓐ 8	3450	21	55	44
Ⓐ 9	2970	13	55	—
Ⓐ 10	2860	15	51	45
Ⓐ 11	2880	15	49	56
Ⓐ 12	2930	14	51	44

- **Technical features:**
 - Control input 0-10 VDC / PWM
 - Tach output
- **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
- Reverse polarity and locked-rotor protection



Mass of centrifugal fan



Centrifugal fan	kg	Inlet nozzle (long)
R1G 133-AA17 -02	0.7	09566-2-4013
R1G 133-AA65 -02	0.7	09566-2-4013

