

EC centrifugal fans

backward curved, Ø 225

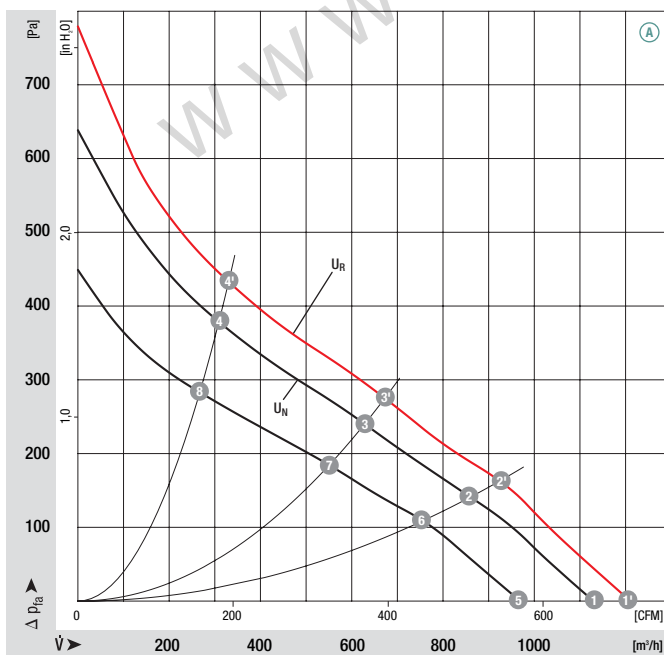


- **Material:** Impeller: PA plastic 6.6, fibreglass-reinforced
Rotor: Coated in black
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		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 225	M1G 074-BF	Ⓐ	24	16-28	1125	2600	100	4.60	67	-25 to +60	G)
R1G 225	M1G 074-BF	Ⓐ	48	36-57	1130	2700	95	2.20	67	-25 to +60	G)

subject to alterations

Curves (established at 48 VDC)



	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{HL} [%]
Ⓐ 1'	2780	112	69	—
Ⓐ 2'	2610	116	64	48
Ⓐ 3'	2570	117	62	57
Ⓐ 4'	2780	112	66	42
Ⓐ 1	2700	95	67	—
Ⓐ 2	2450	93	63	48
Ⓐ 3	2400	94	60	57
Ⓐ 4	2610	91	64	42
Ⓐ 5	2230	59	63	—
Ⓐ 6	2150	63	58	48
Ⓐ 7	2100	64	56	57
Ⓐ 8	2230	58	58	42

- **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 fan



Centrifugal fan	kg	Inlet nozzle (long)
R1G 225-AF07 -52	1.5	96358-2-4013
R1G 225-AF11 -52	1.5	96358-2-4013

