

# EC centrifugal fan

backward curved, 3-D, Ø 400

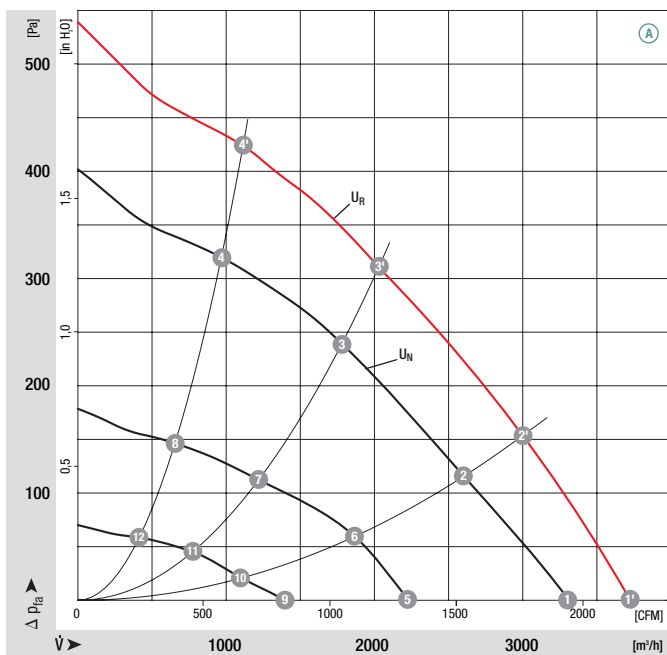


- **Material:** Impeller: Sheet aluminium, joined by tabs  
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** 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	
R3G 400	M3G 084-FA	Ⓐ	48	36-57	3300	1160	192	3.90	63	-25 to +60	G)

subject to alterations

## Curves



	n [rpm]	P <sub>1</sub> [W]	L <sub>pA</sub> [dB(A)]	η <sub>HL</sub> [%]
Ⓐ 1'	1325	287	69	—
Ⓐ 2'	1300	340	66	43
Ⓐ 3'	1300	335	64	62
Ⓐ 4'	1345	268	68	53
Ⓐ 1	1160	192	63	—
Ⓐ 2	1140	227	62	43
Ⓐ 3	1140	210	59	62
Ⓐ 4	1170	177	63	53
Ⓐ 5	795	62	57	—
Ⓐ 6	784	74	56	43
Ⓐ 7	780	69	56	62
Ⓐ 8	795	59	56	53
Ⓐ 9	500	15	49	—
Ⓐ 10	500	19	48	43
Ⓐ 11	500	21	48	62
Ⓐ 12	505	18	49	53

- **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, CCC
- Over-temperature protected motor
  - Reverse polarity and locked-rotor protection



Mass of centrifugal fan

Centrifugal fan	kg	Inlet nozzle (long)
R3G 400-AC13 -30	5.3	54476-2-4013

