

EC centrifugal fan

backward curved, 3-D, Ø 355

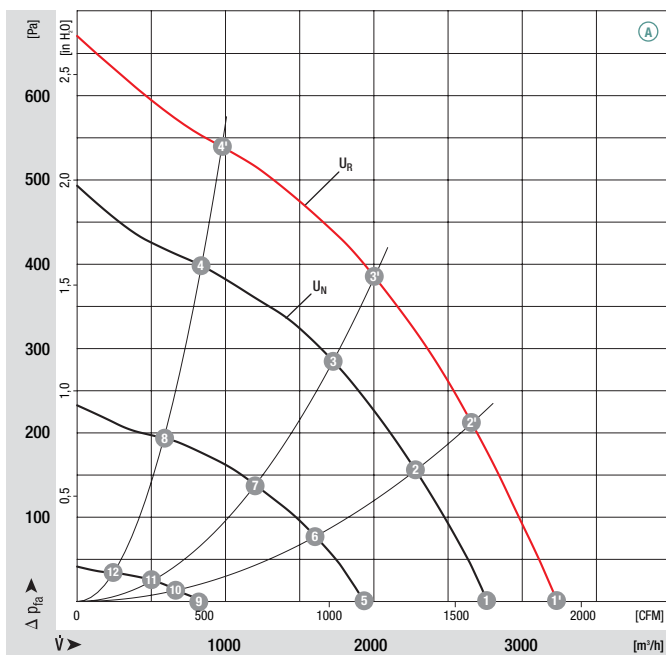


- **Material:** Impeller: Sheet aluminium, laser-welded
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 42
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** 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 355	M3G 084-FA	Ⓐ	48	36-57	2790	1560	178	3.70	69	-25 to +60	G)

subject to alterations

Curves (established with long inlet nozzle)

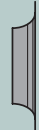


	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{HL} [%]
Ⓐ 1'	1800	272	73	—
Ⓐ 2'	1740	333	67	53
Ⓐ 3'	1725	355	67	65
Ⓐ 4'	1770	307	70	49
Ⓐ 1	1560	178	69	—
Ⓐ 2	1515	220	63	53
Ⓐ 3	1500	236	63	65
Ⓐ 4	1530	208	65	49
Ⓐ 5	1088	64	60	—
Ⓐ 6	1065	79	56	53
Ⓐ 7	1055	85	54	65
Ⓐ 8	1070	75	56	49
Ⓐ 9	470	9	44	—
Ⓐ 10	450	10	42	53
Ⓐ 11	450	11	40	65
Ⓐ 12	455	10	40	49

- **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)	Inlet nozzle (short)
R3G 355-AM08-30	4.6	35560-2-4013	35561-2-4013

