

# AC centrifugal fans

backward curved, Ø 175

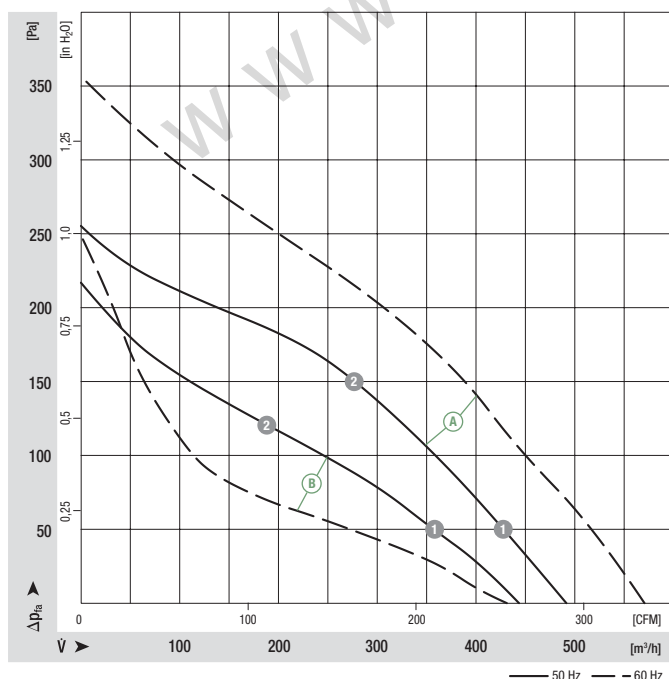


- **Material:** Impeller: PA plastic 6.6, fibreglass-reinforced  
Rotor: Coated in black
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** A IP 44, B IP 20
- **Insulation class:** A "F", B "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	°C	p. 596 f.	
R2E 175	M2E 052-CA	A	1~ 230	50	490	2650	50	0.25	1.5/400	63	-25 to +50	A1)
		B	1~ 230	60	570	3100	51	0.23	1.5/400	68	-25 to +80	
R2S 175	M2S 052-CA	B	1~ 230	50	440	2350	53	0.33	—	61	-25 to +40	B)
		A	1~ 230	60	430	2300	51	0.29	—	60	-25 to +55	

subject to alterations

## Curves



	n [rpm]	P <sub>1</sub> [W]	I [A]
A 1	2600	51	0.25
A 2	2530	53	0.26
B 1	2240	54	0.27
B 2	2120	56	0.28

- **Motor protection:** TOP wired internally
- **Cable exit:** (A) variable, (B) axial
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC, (B) also GOST



Mass of centrifugal fan

Dimensions



Centrifugal fan	kg	c	l	Inlet nozzle (long)
R2E 175-AR72 -05	0.9	68.5	450.0	09576-2-4013
R2S 175-AB56 -01	0.9	69.0	400.0	09576-2-4013

