

# AC centrifugal fans

backward curved, 3-D, Ø 355

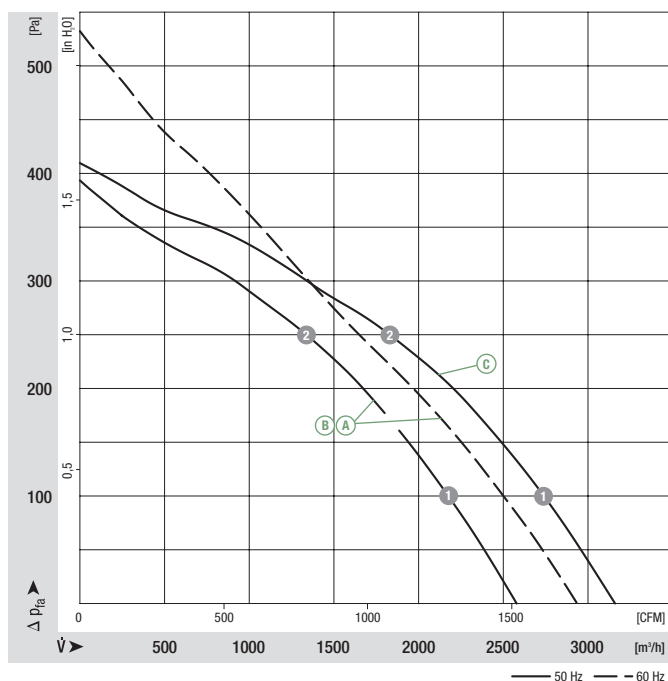


- **Material:** Impeller: Sheet aluminium, laser-welded  
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharges:** Rotor-side
- **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.	
R4D 355	M4D 074-EI	Ⓐ 3~ 400 Y	50	2580	1400	170	0.52	—	65	-25 to +70	D2)	
		Ⓐ 3~ 400 Y	60	2930	1600	235	0.50	—	69	-25 to +65		
R4E 355	M4E 074-EI	Ⓑ 1~ 230	50	2580	1400	180	0.80	6.0/450	66	-25 to +60	A1)	
		Ⓑ 1~ 230	60	2940	1600	260	1.14	6.0/450	69	-25 to +35		
R4E 355	M4E 074-GA	Ⓒ 1~ 230	50	3160	1420	245	1.12	8.0/400	66	-25 to +50	A1)	

subject to alterations

Curves (established with long inlet nozzle)



	n [rpm]	P <sub>1</sub> [W]	I [A]
Ⓐ 1	1375	205	0.63
Ⓐ 2	1360	227	0.70
Ⓑ 1	1350	209	0.93
Ⓑ 2	1330	229	1.02
Ⓒ 1	1395	273	1.25
Ⓒ 2	1375	295	1.35

- **Motor protection:** Ⓐ design with thermal overload protector, Ⓑ Ⓒ TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC



Mass of centrifugal fan

Dimensions



Centrifugal fan	kg	b	c	d	e	g	Inlet nozzle (long)	Inlet nozzle (short)
R4D 355-AH11 -05	4.7	146.5	167.0	117.0	48.0	96.0	35560-2-4013	35561-2-4013
R4E 355-AK05 -05	4.7	146.5	167.0	117.0	48.0	96.0	35560-2-4013	35561-2-4013
R4E 355-AL02 -05	5.3	171.0	190.0	129.0	60.0	120.5	35560-2-4013	35561-2-4013

