

AC centrifugal fans

backward curved, 3-D, Ø 355

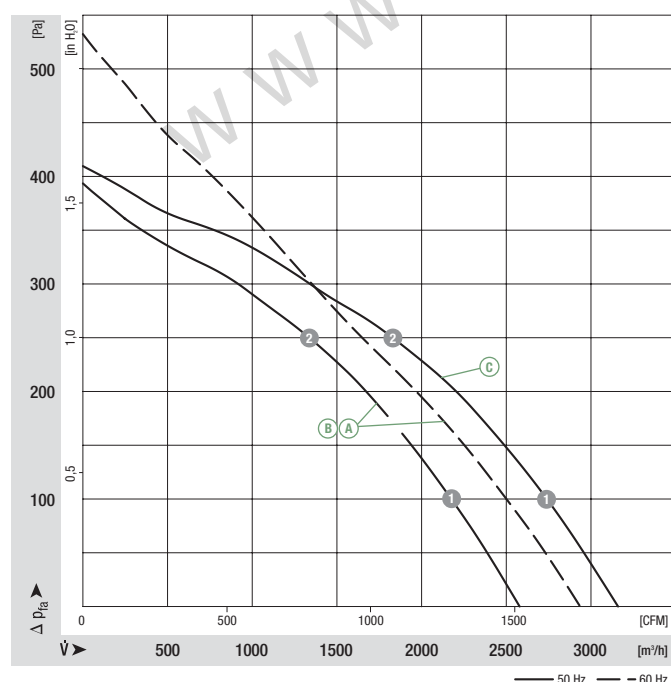


- **Material:** Impeller: Sheet aluminium, laser-welded
Rotor: Coated in black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **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	A	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	B	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	C	1~ 230	50	3160	1420	245	1.12	8.0/400	66	-25 to +50	A1)

subject to alterations

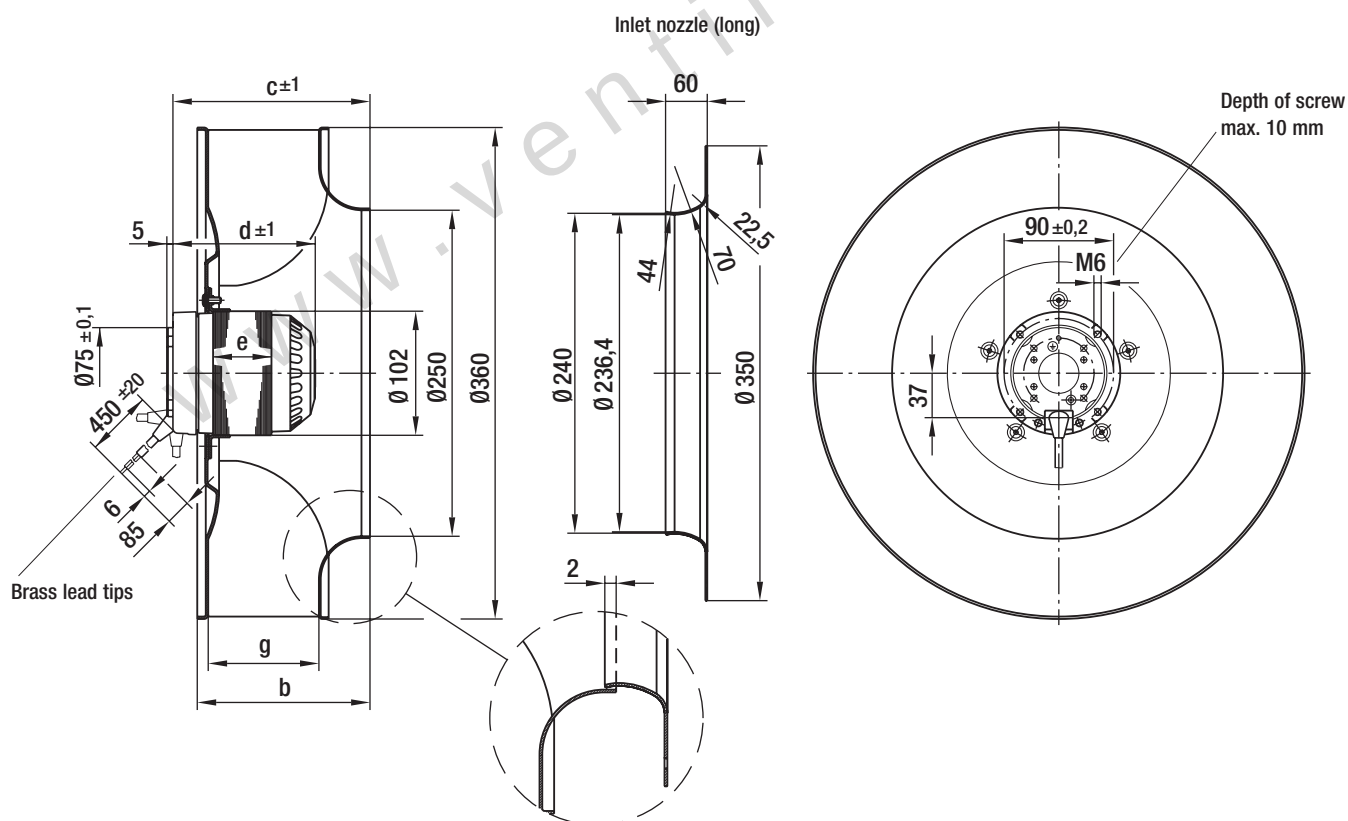
Curves (established with long inlet nozzle)



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

- **Motor protection:** ① design with thermal overload protector, ② ③ 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



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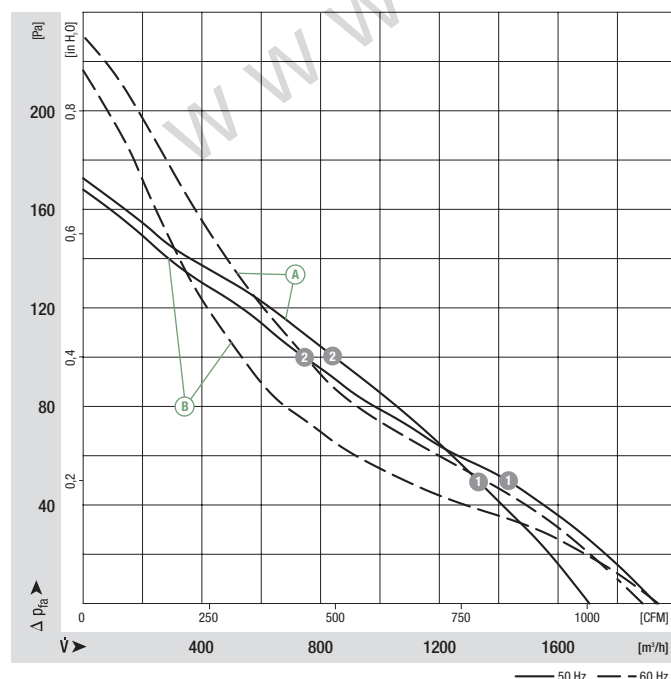


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Type	Motor		VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	°C	p. 596 f.
R6E 355	M6E 074-DF	A	1~ 230	50	1700	910	65	0.29	2.0/400	54	-25 to +90	A1)
			1~ 230	60	1890	1000	85	0.37	2.0/400	57	-25 to +75	
R6E 355	M6E 074-DF	B	1~ 230	50	1930	870	70	0.31	2.0/400	52	-25 to +85	A1)
			1~ 230	60	1940	890	90	0.40	2.0/400	53	-25 to +60	

subject to alterations

Curves (established with long inlet nozzle)



	n [rpm]	P ₁ [W]	I [A]
A 1	860	71	0.32
A 2	850	73	0.33
B 1	785	80	0.35
B 2	805	78	0.34

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** GOST

General
information

AC centrifugal,
backward

AC centrifugal,
forward

EC centrifugal,
backward

EC centrifugal, back-
ward for clean rooms

EC centrifugal,
forward

EC-SYSTEMS

Accessories

Technology

Contacts



Mass of
centrifugal fan

Dimensions



Centrifugal fan	kg	b	c	g	Inlet nozzle (long)	Inlet nozzle (short)
R6E 355-AD16 -05	3.5	146.5	167.0	96.0	35560-2-4013	35561-2-4013
R6E 355-AE16 -05	4.1	171.0	190.0	120.5	35560-2-4013	35561-2-4013

