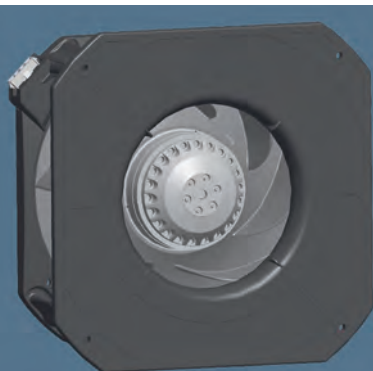


AC centrifugal fans RadiCal

backward curved, Ø 250



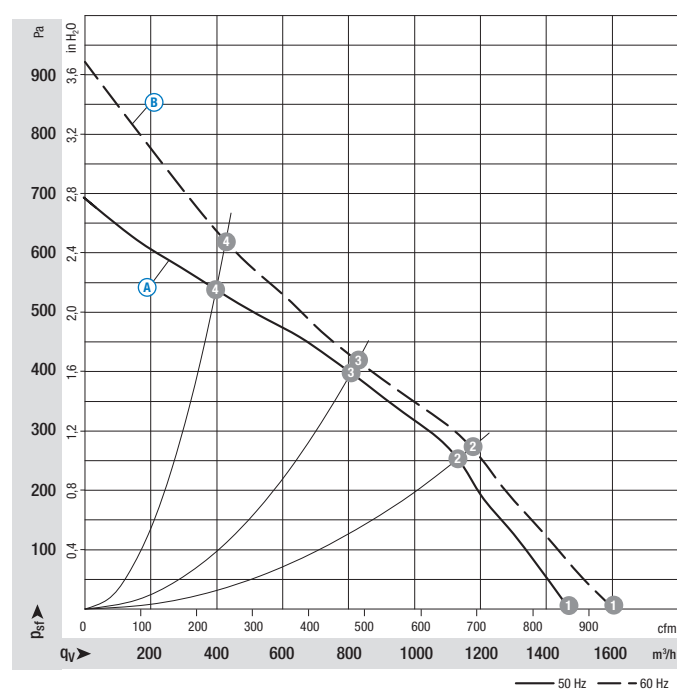
- **Material:** Housing: Plastic PA 6, fibreglass-reinforced
Impeller: Plastic PA 6, fibreglass-reinforced
Rotor: Coated in black
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44, depending on installation and position in acc. to EN 60034-5
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve		Nominal voltage	Frequency	Speed/rpm	Input power	Current draw	Capacitor	Perm. amb. temp.	Electr. connection
		VAC	Hz								
*2E 250	M2E 068-EC	A	1~ 230	50	2650	185	0,82	6,0 / 400	-25...+50	p. 64	A1)
		B	1~ 230	60	2850	260	1,15	6,0 / 400	-25...+35		

subject to alterations

Curves



Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact

Suction-side noise levels: L_{wA} as per ISO 13347, L_{pA} measured at 1 m distance to fan axis

The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!

For detailed information see page 66 ff.

	n rpm	P _e W	I A	L _{wA} dB(A)
A 1	2650	185	0,82	75
A 2	2555	208	0,90	69
A 3	2530	212	0,92	67
A 4	2645	182	0,79	75
B 1	2850	260	1,15	78
B 2	2645	284	1,23	70
B 3	2590	288	1,25	69
B 4	2820	263	1,15	77

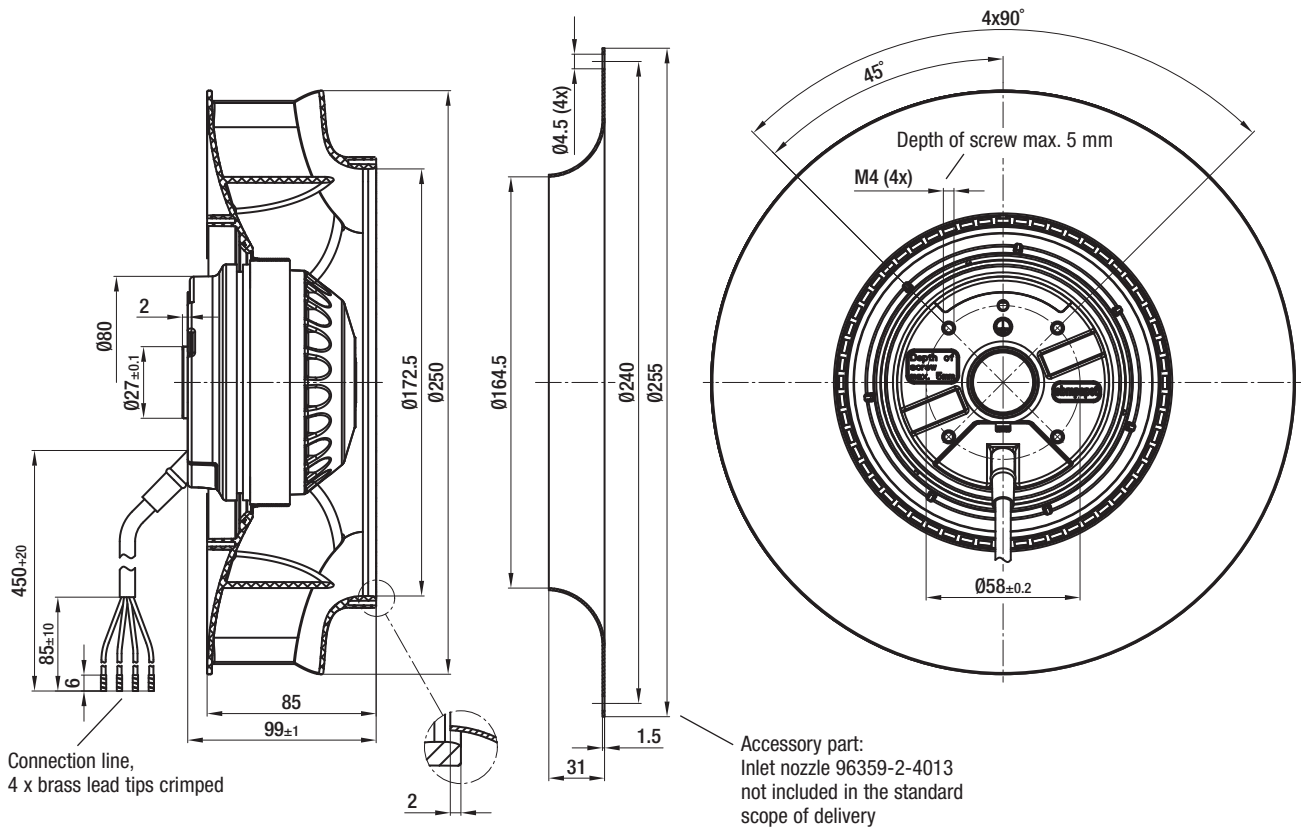
- **Motor protection:** TOP wired internally
- **Leakage current:** < 0,75 mA
- **Cable exit:** Variable (R2E...)
- **Connection leads:** Plug system (K2E...)
- **Protection class:** I
- **Product conforming to standard:** EN 60335-1, CE
- **Approvals:** CCC, GOST

	Mass of centrifugal fan		Mass of centrifugal module with support basket
Centrifugal fan	kg	Centrifugal module	kg
R2E 250-RA50 -01	2,90	K2E 250-RA50 -01	3,70

AC centrifugal fans RadiCal

backward curved, Ø 250

R2E 250-RA50-01



K2E 250-RA50-01

