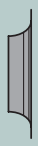
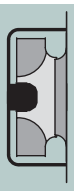
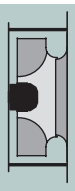
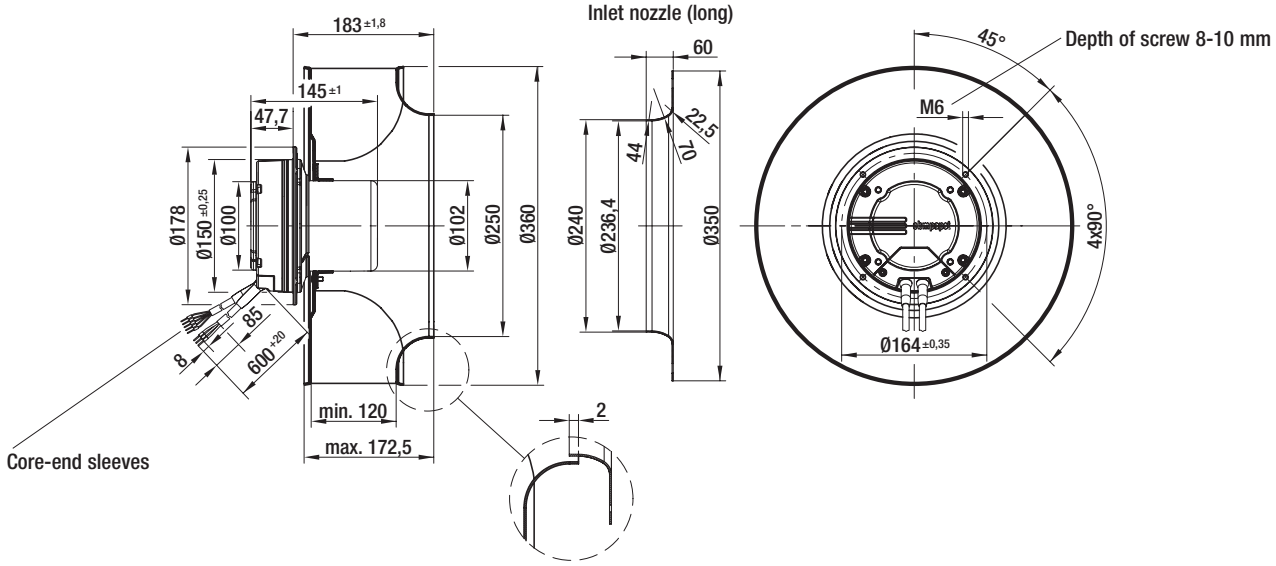
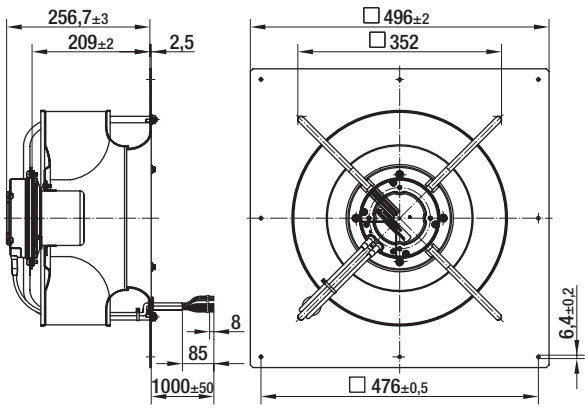
- **Technical features:**
  - PFC (passive)
  - Control input 0-10 VDC / PWM
  - Output 10 VDC max. 1.1 mA
  - Alarm relay
  - Over-temperature protected electronics / motor
- **EMC:** Interference emission acc. to EN 61000-6-3
  Interference immunity acc. to EN 61000-6-2
  Harmonics acc. to DIN EN 61000-3-2/3
- **Leakage current:** < 3.5 mA acc. to EN 61800-5-1
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 61800-5-1, CE
- **Approvals:** UL, CSA, VDE, CCC, GOST are applied for

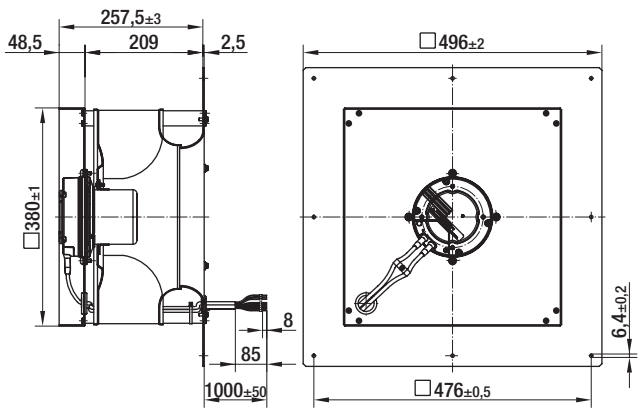



Centrifugal fan	Mass of centrifugal fan kg	Inlet nozzle (long)	Inlet nozzle (short)	Centrifugal module w. support bracket	Mass of centrifugal module with support bracket kg	Centrifugal module with support plate	Mass of centrifugal module with support plate kg
R3G 355-AN37 -81	5.8	35560-2-4013	35561-2-4013	**K3G 355-AN37 -82**	10.0	**K3G 355-AN37 -81**	9.0







EC centrifugal fans and modules

backward curved, 3-D, Ø 355



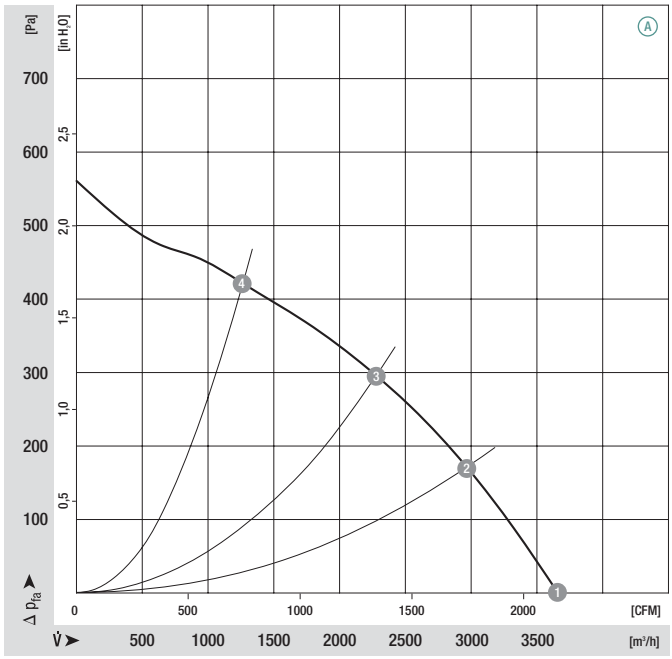
- **Material:** Support bracket: Steel, coated in black
  Support plate: Sheet aluminium, spacer profiles: Aluminium
  Impeller: Sheet aluminium, laser-welded
  Rotor: Coated in black
  Electronics enclosure: Die-cast aluminium
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal or rotor on top; rotor on bottom on request
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage range	Frequency	Speed/rpm	Max. power input (1)	Max. current draw (1)	Perm. amb. temp.	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**rpm**	**W**	**A**	**°C**	p. 605
***3G 355**	M3G 084-FA	Ⓐ	1~ 100-130	50/60	1630	350	4.20	-25 to +60	K1)

subject to alterations

(1) Nominal data in operating point with maximum load and 115 VAC

Curves (established with long inlet nozzle)



	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]	η_{tL} [%]
Ⓐ 1	1630	283	3.50	72	—
Ⓐ 2	1580	344	4.00	68	58
Ⓐ 3	1570	350	4.20	64	68
Ⓐ 4	1605	319	3.90	67	57