



E.01

Fire dampers

SC60+

- Fireproof butterfly dampers
- Circular
- EI60S
- With fuse 72°C
- Ø 100 - 200



Fireproof butterfly dampers EI60S type SC60+

Fire dampers SC60+ offer a solution for small diameters. Two half round blades are held together by a fusible link. When the temperature rises above 72°C the fusible link will break. Thereby the two half blades are released and the fire damper is shut, preventing smoke or flames from passing through

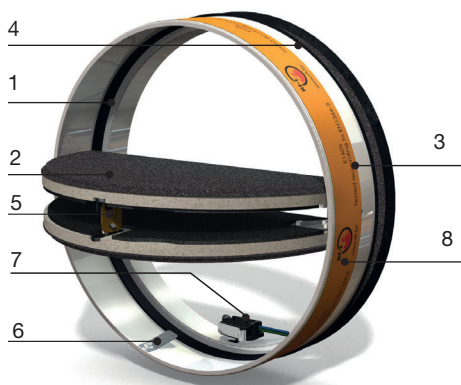
Application

- Closing ventilation ducts in case of fire
- Fire resistant for 1 hour
- For ambient temperature below 50°C with an RH of 30-70%
- To be mounted horizontally or vertically

Material

- Steel

Construction



Composition

- Steel tunnel
- Fusible link 72°C
- Fiber silicate blades



- 1. Steel tunnel
- 2. Two semi-circular blades
- 3. Intumescent strip around the tunnel
- 4. Rubber sealing rings
- 5. Fusible link 72°C
- 6. Two blocking hooks
- 7. End of range switch
- 8. Product identification

Mounting

- To be inserted in round ducts, passing fireproof walls or floors according to installation manual delivered with the product

Certification

- Classified EI60(v_e,h_o o<->i)S at 300Pa according EN 13501-3 in rigid wall, rigid floor and flexible wall certified by testreport WFRG 12664E
- CE marked according EN 15650

Accessories

- Self-assembly end of range switch, type **KIT FCU SC**
- Premounted end of range switch upon request, type **FCU SC**

Other available products

- Also available in Rf 90 minutes type **SC90+** or Rf 2 hours type **SC120+**

Text for tender

- Circular fireproof butterfly damper for installation in ventilation ducts passing through a construction element in order to stop the propagation of fire. Fire resistance up to 1 hour
- **CAIROX** Type **SC60+**

Order example

- **SC60+, 125**

Explanation

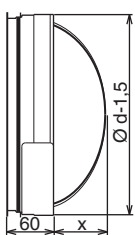
SC60+ = Round butterfly fire damper Rf 60 minutes

125 = duct diameter

Dia		Quick selection			
		3	4	5	6
100	v				
	Q	85	113	141	170
	Vk	6.7	9	11.2	13.5
	Ps	12	22	35	50
	Lw(A)	42	46	50	52
125	Q	133	177	221	265
	Vk	5.3	7	8.8	10.5
	Ps	8	14	22	32
	Lw(A)	41	45	48	51
	Q	190	250	320	380
150	Vk	4.8	6.4	8.2	9.7
	Ps	7	11	17	23
	Lw(A)	39	43	47	49
	Q	217	290	362	434
	Vk	4.7	6.3	7.9	9.4
160	Ps	6	10	15	22
	Lw(A)	39	43	46	49
	Q	339	452	565	679
	Vk	4.2	5.7	7.1	8.5
	Ps	4	8	12	17
200	Lw(A)	38	42	45	48

Symbols and specifications

- v = Air velocity in the duct in m/s
- Q = Air volume in m³/h
- Vk = Effective velocity through the damper in m/s
- Ps = Static pressure in Pa
- Lw(A) = Acoustic power in dB(A)



■ SC60+



SC60+	Dimensions			
	Ød [mm]	Ød-1,5 [mm]	X [mm]	Ak [m²]
100	100	98,5	18	0,0035
125	125	123,5	31	0,0067
150	150	148,5	41,5	0,0109
160	160	158,5	49	0,0128
200	200	198,5	69	0,0222