



E.01

Fire dampers

SCV60+

- Fire resistant valves
- Circular
- EI60S
- With fuse 72°C
- Ø 100 - 200



Fireproof butterfly dampers with valve EI60S type SCV60+

Circular fire damper cartridge with a finishing valve **SCV60+** for installation at duct's end. The circular fire damper cartridges are equipped with a fusible link that holds the two parts of the blade in the open position. When the temperature in the duct rises above 72°C, the fusible link melts and releases the two semi circular blades. The damper is now closed and two blocking hooks keep the blades in their safety position, which prevents any smoke or flames from passing through. The cartridge is inserted in a metal ventilation duct of the same diameter and stays in place thanks to its rubber sealing ring. The circular fire damper cartridge is a compact fire resistant product for ducts with a small diameter. It is inserted inside ventilation ducts that cross walls in order to stop the propagation of fire.

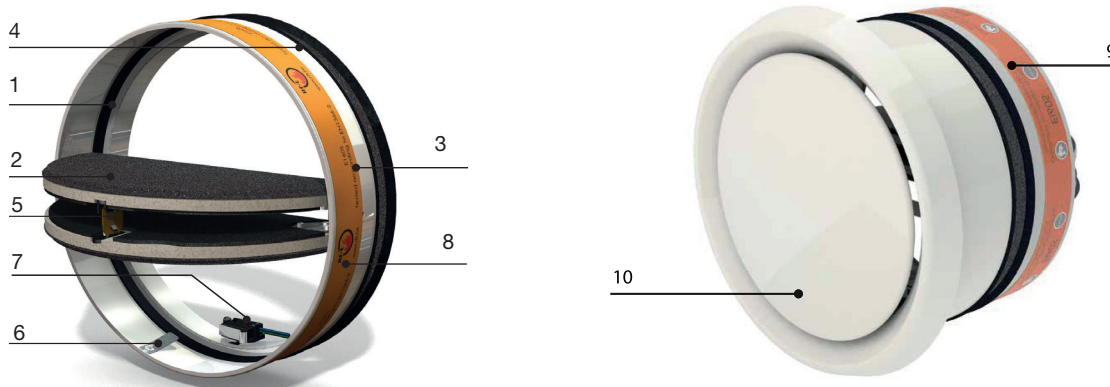
Application

- Closing ventilation ducts in case of fire
- Fire resistant for 1 hour
- For air from 15 to 45°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
- 9. SC+ fire damper cartridge
- 10. Ventilation valve V

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
- Fire resistance according to EN 1366-2
- 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 upon request in Rf 90 minutes type **SCV90+**

Text for tender

- Circular fireproof butterfly damper with a finishing valve 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 **SCV60+**

Order example

- **SCV60+, 125**

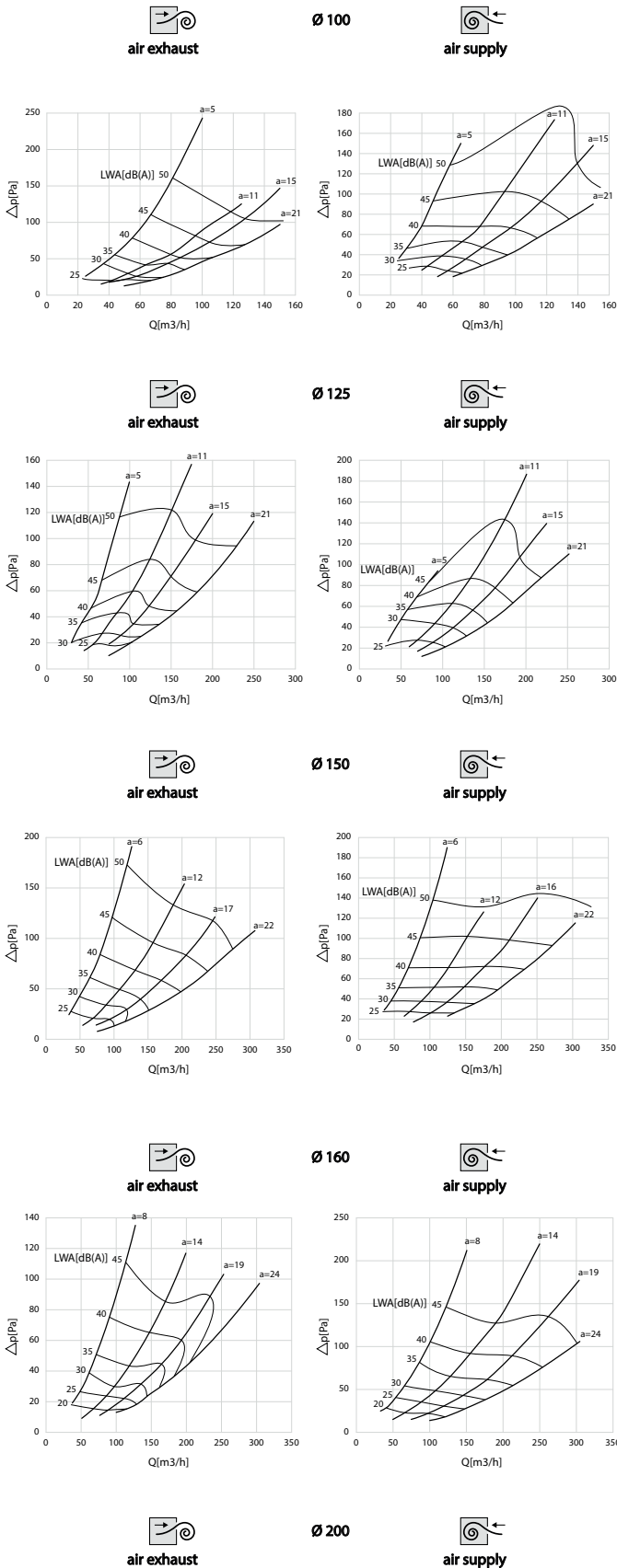
Explanation

SCV60+ = Round butterfly fire damper with valve Rf 60 minutes

125 = duct diameter

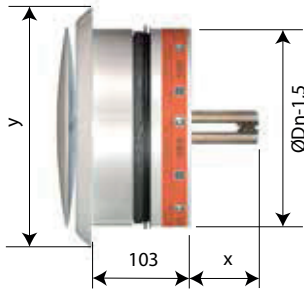


Selection graphs



Symbols and specifications

- Q = Air volume in m³/h
- LWA = Effective sound power level in dB(A)
- Δp = Static pressure in Pa



SCV+	ØDn [mm]	Dimensions		
		ØDn-1,5 [mm]	X [mm]	Y [mm]
100	100	98.5	18	145
125	125	123.5	31	170
150	150	148.5	40	185
160	160	158.5	49	195
200	200	198.5	69	235