

Fireproof butterfly dampers EI90S type SC+90

Fire dampers SC90+ 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

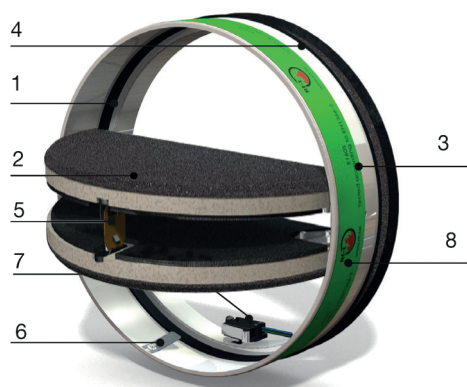
Application

- Closing ventilation ducts in case of fire
- Fire resistant for 90 minutes
- For air of 15°C up to 45°C with RV 30-70%
- To be mounted horizontally or vertically

Material

- Steel

Construction



Composition

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

Fire dampers

- 1. Tunnel in steel
- 2. Two half round blades
- 3. Intumescent strip around the tunnel
- 4. Rubber sealing ring
- 5. Fusible link 72°C
- 6. 2 blocking hooks
- 7. End of range switch (option)
- 8. Product identification

Mounting

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

Certification

- Approved according EN 1366-2
- Tested and approved to sustain fire at both ends of the valve
- CE-marked

Accessories

- **FCU SC** end of range switch upon request

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 90 minutes
- **ATC Type SC90+**

Order example

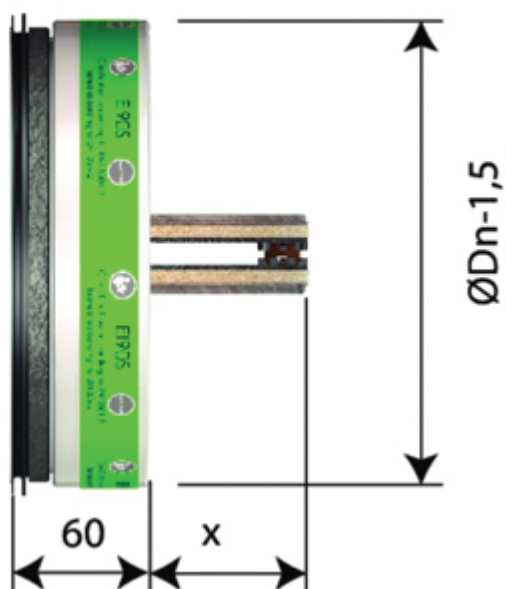
- **SC90+, 125**

Explanation

SC90+ = Round butterfly fire damper Rf 90 minutes

125 = duct diameter

Quick selection							
	v	3	4	5	6	7	8
100	Qv	85	113	141	170	198	226
	veff	8	11	14	16	19	22
	Ps	12	22	35	50	68	88
	Lw	42	47	49	52	54	57
125	Qv	133	177	221	265	309	353
	veff	6	8	10	12	14	16
	Ps	8	14	22	32	44	57
	Lw	41	45	47	50	52	55
160	Qv	217	290	362	434	507	579
	veff	5	7	8	10	12	14
	Ps	6	10	16	22	31	40
	Lw	38	43	46	49	51	53
200	Qv	339	452	565	679	792	905
	veff	8	11	13	16	18	21
	Ps	4	8	12	17	24	31
	Lw	37	42	45	47	50	52



SC+90	Dimensions		
	Ød (mm)	Ød-1,5 (mm)	X (mm)
100	100	98.5	20
125	125	123.5	33
160	160	158.5	51
200	200	198.5	71