Fireproof butterfly dampers EI120S type SC+120

Fire dampers SC120+ 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 2 hours
- 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

- 1. Steel tunnel
- 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 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

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

Text for tender

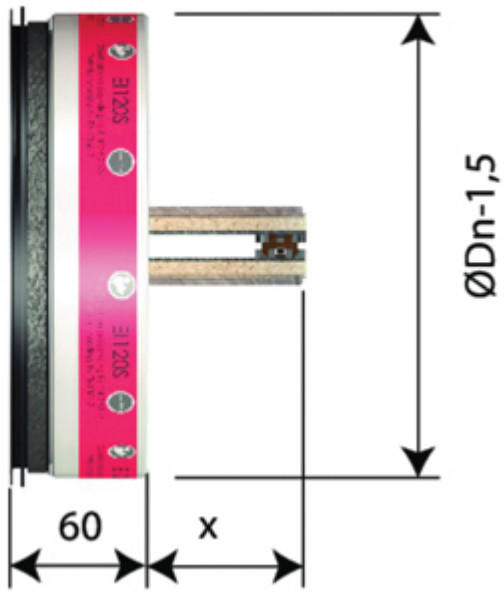
- Circular fireproof butterfly damper for installation in ventilation ducts passing through a construction element in order to stop the propagation of fire. Fire resistance up to 2 hours
- **ATC** Type **SC120+**

Order example

- **SC120+, 125**

Explanation
SC120+ = Round butterfly fire damper Rf 120 minutes
125 = duct diameter

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



Dimensions				
SC+120	Ød [mm]	Ød-1,5 [mm]	X [mm]	Ak [m²]
100	100	98.5	20	0.003
125	125	123.5	33	0.006
160	160	158.5	51	0.012
200	200	198.5	71	0.021