SC60

- Fireproof butterfly dampers
- Circular
- EI60S

Fireproof butterfly dampers Rf1h 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

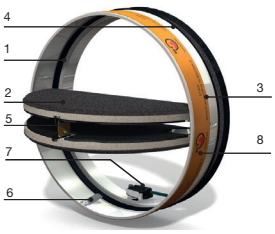
Application

- Closing ventilation ducts in case of fire
- Fire resistant for 1 hour
- For air of 15°C up to 45°C with RV 30-70%
- To be mounted horizontally or vertically
- Only Size 100 and 125 to be used in Belgium, also available in size 160 and 200 for other counties upon request

Material

- Steel

Construction



Composition

- 1. Tunnel in steel
- 2. Two half round blades
- 3. Intumescent strip around the tunnel
- 4. Rubber sealing ring
- 5. Fusible link 70°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

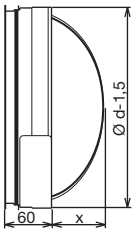
Certification
- Approved according EN 1366-2

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 1 hour
- **ATC** type **SC60**

Order example
- **SC60, 125**

Explanation
SC60 = Round butterfly fire damper Rf 60 minutes
125 = duct diameter



■ SC60

Dimensions			
	Ød [mm]	Ød-1,5 [mm]	X [mm]
100	100	98.5	18
125	125	123.5	31
160	160	158.5	49
200	200	198.5	69

Dia	v	3	4	5	6	7	8
100	Qv	85	113	141	170	198	226
	Veff	6.10	8.10	10.20	12.20	14.20	16.30
	Ps	19	28	41	56	74	94
	Lw	32	38	42	45	48	50
125	Qv	133	177	221	265	309	353
	Veff	5.10	6.80	8.50	10.10	11.80	13.50
	Ps	15	21	29	39	51	65
	Lw	30	35	40	43	46	48
160	Qv	217	290	362	434	507	579
	Veff	4.40	5.90	7.40	8.80	10.30	11.80
	Ps	12	16	22	29	37	46
	Lw	28	33	37	41	44	46
200	Qv	339	452	566	679	792	905
	Veff	4	5.40	6.70	8.10	9.40	10.80
	Ps	10	14	18	23	29	35
	Lw	26	31	35	39	42	44

Symbols and specifications
- v = Air velocity in the duct in m/s
- Qv = Air volume in m³/h
- veff = Effective velocity through the damper in m/s
- Ps = Static pressure in Pa
- Lw = Acoustic power in dB(A)
- Dia = Duct diameter in mm