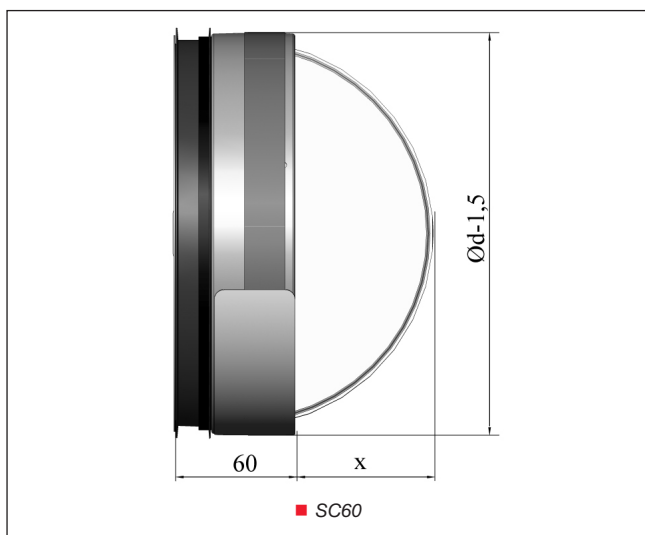




Combining strengths
to deliver durable HVAC
solutions

Circular fire damper



SC60

- ATC fire damper SC60 offers a solution for small diameters (100 – 200 mm.). Two half round blades are held together by a fusible link. When the temperature rises above 70°C the fusible link will melt and break. Thereby the two half blades are released and the fire damper is shut, preventing smoke or flames from passing through

Use

- Closing ventilation ducts in case of fire
- Mounted in concrete wall, floor, ceiling or light partition wall
- Fire resistant for 1 hour
- For air of 15°C up to 45°C
- For air with RV 30-70%
- To be mounted horizontally or vertically
- Range 100 – 200 mm

Composition

- Steel tunnel
- Fusible link 70°C

Fire resistance

- Tested according to EN 1366-2
- Classification according to EN 13501-3

Text for tender

- Circular fire 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**

Article numbers

SC60	E010501DDD000
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DDD = Ød in mm

Dimensions

Type	Ød (mm)	x (mm)
100	100	18
125	125	31
160	160	49
200	200	64



Quick selection table SC60

Ød (mm)	A (m ²)	v (m/s)								
		3			4			5		
		q _v	dP	L _w	q _v	dP	L _w	q _v	dP	L _w
100	0,004	42	19	32	56	28	38	70	41	42
125	0,007	78	15	30	105	21	35	131	29	40
160	0,014	148	12	28	197	16	33	246	22	37
200	0,023	252	10	26	336	14	31	420	18	35

Ød (mm)	A (m ²)	v (m/s)								
		6			7			8		
		q _v	dP	L _w	q _v	dP	L _w	q _v	dP	L _w
100	0,004	83	56	45	97	74	48	111	94	50
125	0,007	157	39	43	183	51	46	209	65	48
160	0,014	295	29	41	344	37	44	394	46	46
200	0,023	504	23	39	588	29	42	672	35	44

- * Ø D = Diameter (mm)
- * A = Free area (m²)
- * q_v = Air volume (m³/h)
- * dP = Pressure loss (Pa)
- * L_w = Sound power level (dB(A))
- * v = Air velocity (m/s)