SVA (RAL9016)

- Air valves
- Steel
- White, RAL 9016
- Pulsion

Steel supply valves type SVA (RAL9016)

Air supply valve with adjustable core

Brand
- Cairox

Application
- For air supply in ventilation systems

Material
- Steel

Colour
- Standard colour white, RAL 9016

Composition
- Pressed steel body with adjustable core, supplied with galvanized steel mounting frame

Mounting
- Fixing by clips in the mounting frame
- Can also be used for direct mounting into round ducts (with or without mounting frame)

Accessories
- Mounting ring **TR** for clamping the mounting frame on tile ceiling plates

Order example
- **SVA, 125**

Explanation
SVA = Type valve (incl. mountingframe)
125 = Connection diameter

Text for tender

- The air supply valves shall be of the high pressure loss type with adjustable core and made of steel. They shall be supplied with mounting frame
- White finish RAL 9016
- **Cairox** type **SVA**

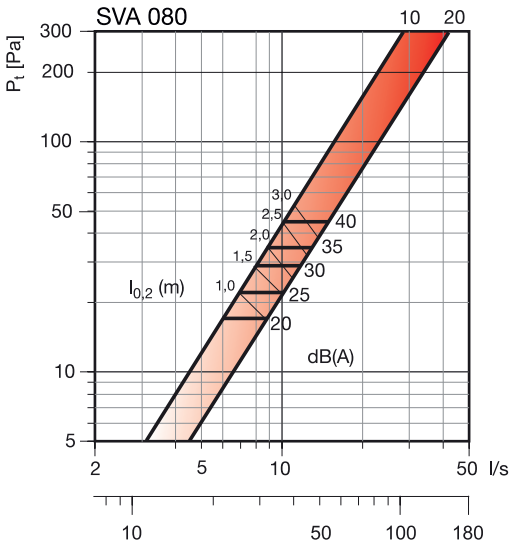
Quick selection

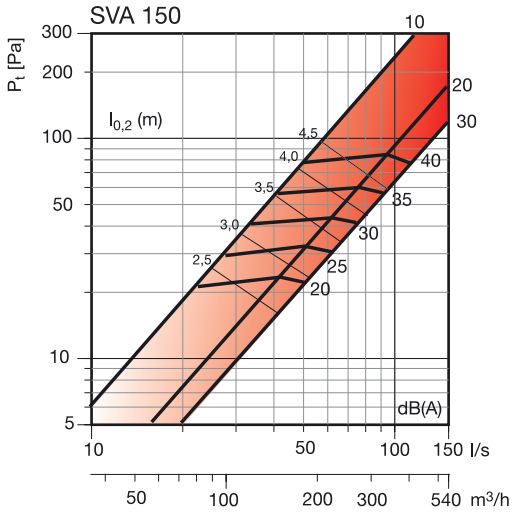
Q	SVA	80		100			125		150			160			200		
	r [mm]	5	10	5	10	15	10	20	10	20	30	10	20	30	10	20	30
25	X0,20	1.9	1.1														
	Ps	23	<5														
	Lw(A)	<20	<20														
30	X0,20	2.3	1.4	1													
	Ps	34	6	8													
	Lw(A)	29	21	21													
40	X0,20	3.2	2	1.6	1.3												
	Ps	57	19	31	7												
	Lw(A)	45	28	28	23												
50	X0,20			2.2	1.7	1.3	2										
	Ps			54	21	11	<5										
	Lw(A)			35	28	<20	<20										
70	X0,20			3.4	2.6	1.8	2.6	2	2.4			2.4					
	Ps			100	50	34	9	<5	<5			<5					
	Lw(A)			44	37	31	22	<20	20			<20					
100	X0,20					2.6	3.5	3	2.9	2.4		2.9	2.1		2.8		
	Ps					68	31	10	24	<5		23	<5		<5		
	Lw(A)					57	31	23	29	<20		29	<20		<20		
150	X0,20						4.9	4.7	3.6	2.9	2.6	3.6	2.7	2.5	3.4	2.2	
	Ps						68	31	58	9	<5	57	6	<5	21	<5	
	Lw(A)						42	34	40	<20	<20	40	<20	<20	27	<20	
200	X0,20							6.3	4.3	3.4	3.1	4.3	3.3	3	4	2.9	2.4
	Ps							52	93	25	18	92	24	16	47	<5	<5
	Lw(A)							42	47	29	26	46	28	25	36	<20	<20
250	X0,20									3.9	3.5		3.8	3.5	4.6	3.6	2.9
	Ps									41	33		40	30	73	20	<5
	Lw(A)									36	32		35	32	42	24	<20
300	X0,20									4.4	4		4.4	4		4.3	3.4
	Ps									62	47		61	45		35	13
	Lw(A)									42	38		40	38		30	24
400	X0,20															5.6	4.3
	Ps															66	32
	Lw(A)															39	32
500	X0,20																5.3
	Ps																50
	Lw(A)																38

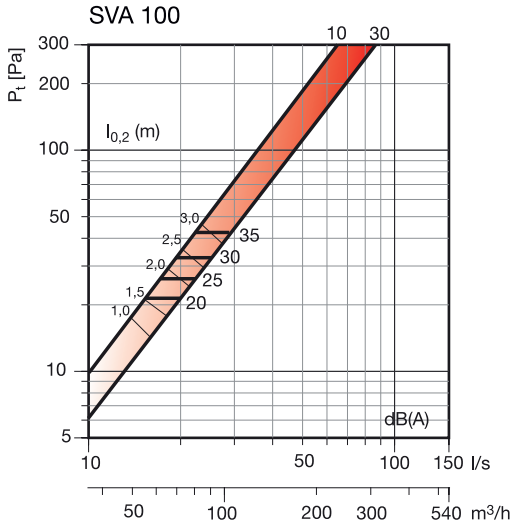
Symbols and specifications

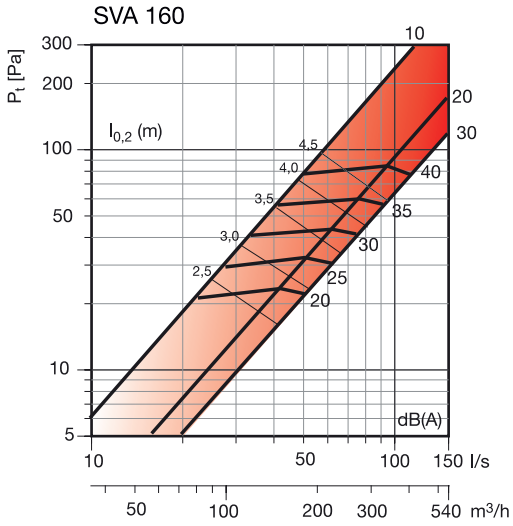
- Q = Air volume in m³/h
- Ps = Static pressure loss in Pa
- X0.20 = Horizontal throw at end velocity of 0.20 m/s in m
- Lw(A) = Acoustic power in dB(A), based upon measured Lp acoustic pressures increased by 4 dB(A) room attenuation
- r = 10 mm, 30 mm = Gap between the central core and the valve body

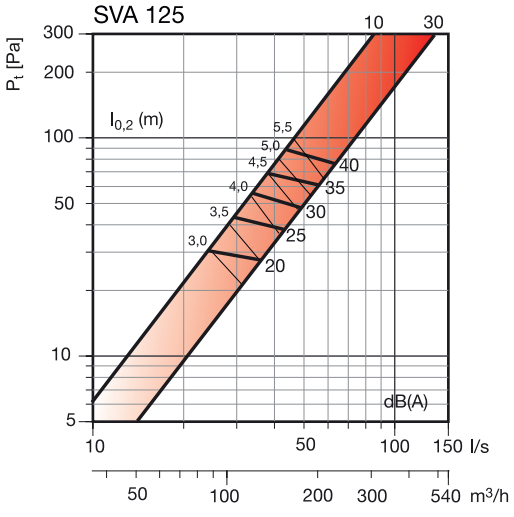
Selection Graph

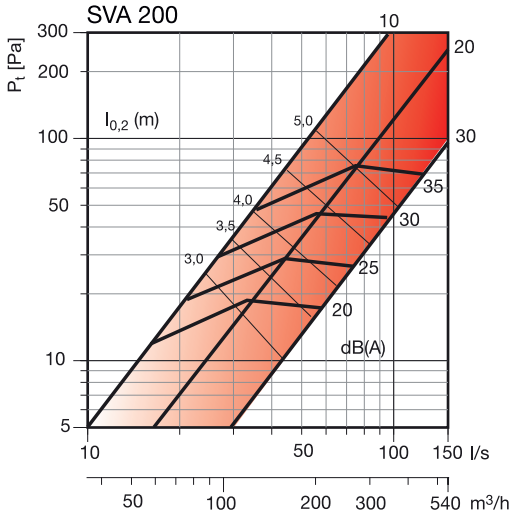






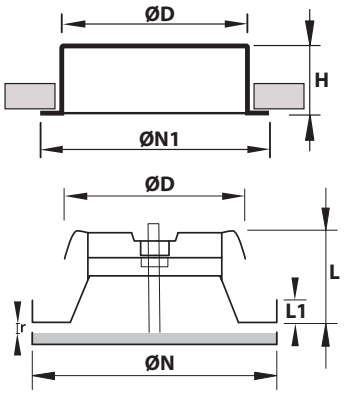






Symbols

- Qv = Air volume in m³/h and l/s
- Pt = Total pressure loss in Pa
- l 0.2 = Horizontal throw at end velocity of 0.20 m/s in m
- Lp = Acoustic pressure in dB(A
- r = 10mm, 30mm = Gap between the central core and the valve body



Dimensions						
	ØD [mm]	ØN [mm]	ØN1 [mm]	H [mm]	L [mm]	L1 [mm]
SVA 80	80	106	96	50	60	15
SVA 100	100	135	125	50	60	15
SVA 125	125	160	150	50	60	15
SVA 150	150	191	181	50	60	15
SVA 160	160	195	185	50	60	15
SVA 200	200	238	228	50	63	15