



## VSZ, VSA air valves

- For supply and exhaust air
- Installation in ceilings, walls and free-hanging
- Made of sheet steel, white powder-coated; installation subframe galvanized
- Volume flow rate continuously adjustable via the valve stroke
- Sizes DN 80 to DN 200

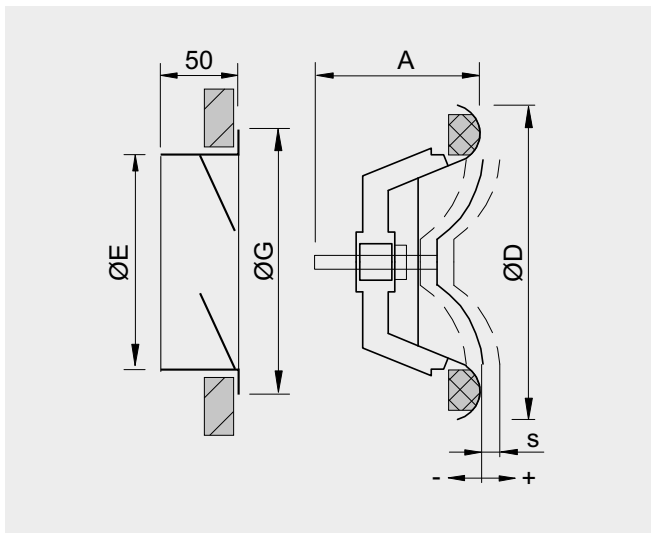
# VSZ supply air valve

Data sheet (1)

## VSZ air valve for supply air.

For installation in ceilings, walls and free-hanging applications. The air jet spread is radial all round. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

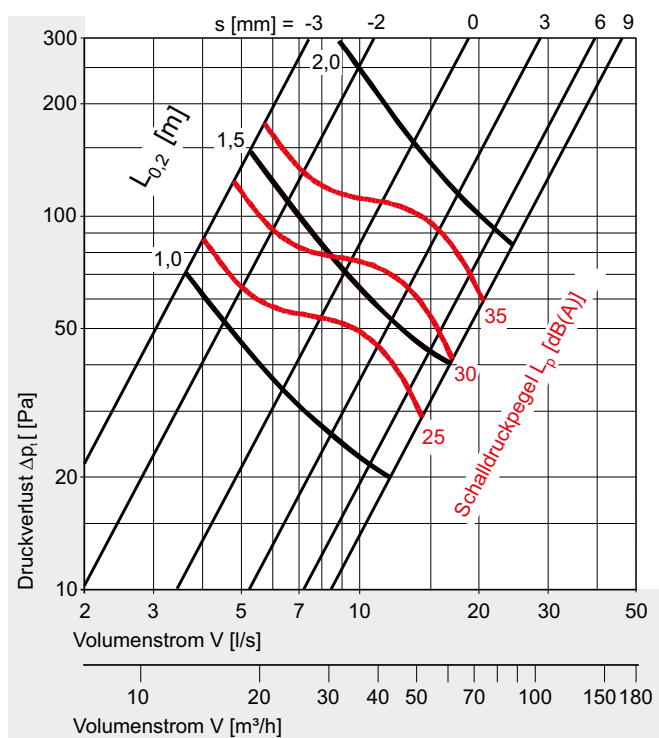
The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.



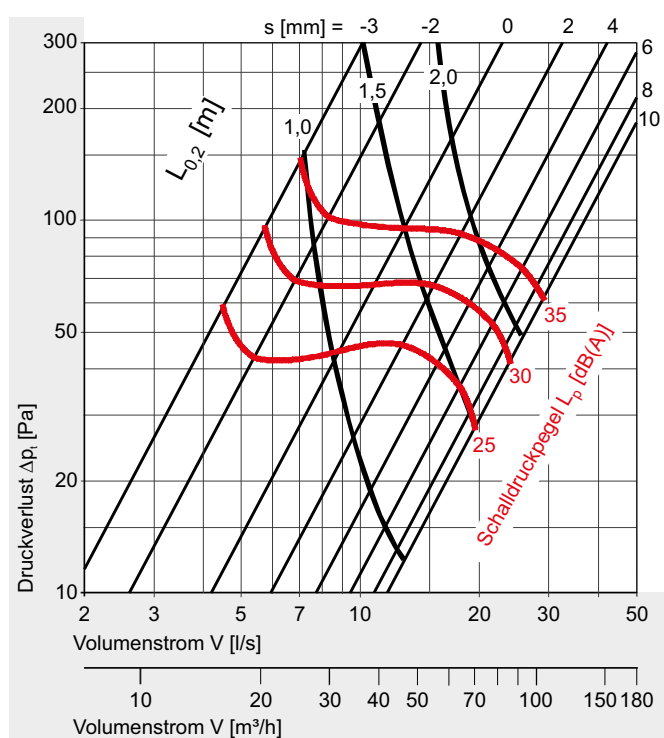
### Available sizes

Size DN	80	100	125	160	200
$A_{min}$	38	38	43	50	57
$A_{max}$	60	63	68	85	82
$\varnothing D$	116	140	165	209	248
$\varnothing E$	79	99	124	159	198
$\varnothing G$	105	125	150	186	225

### Size DN 80



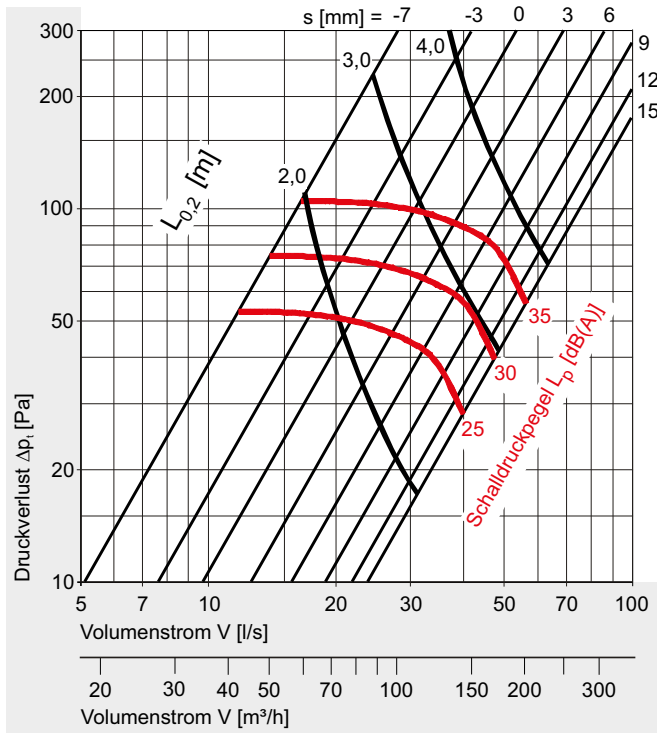
### Size DN 100



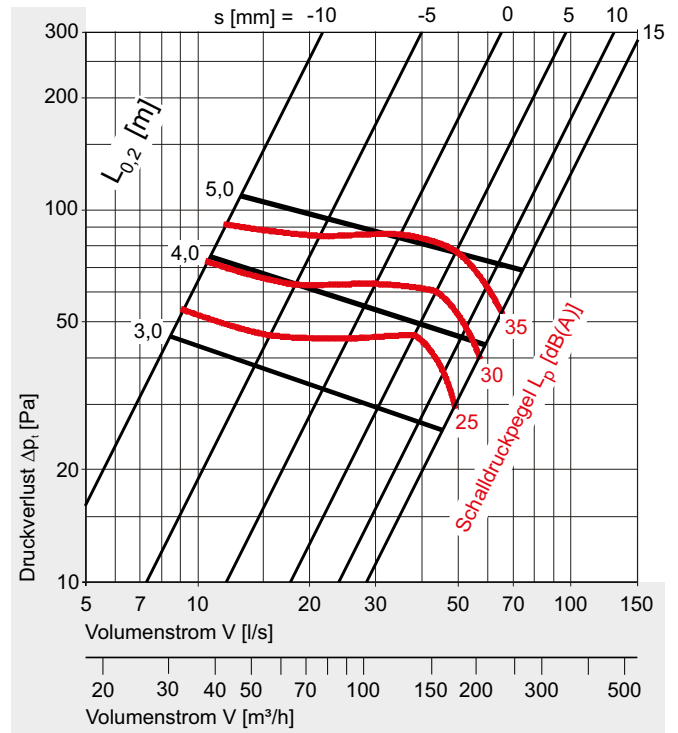
# VSZ supply air valve

Data sheet (2)

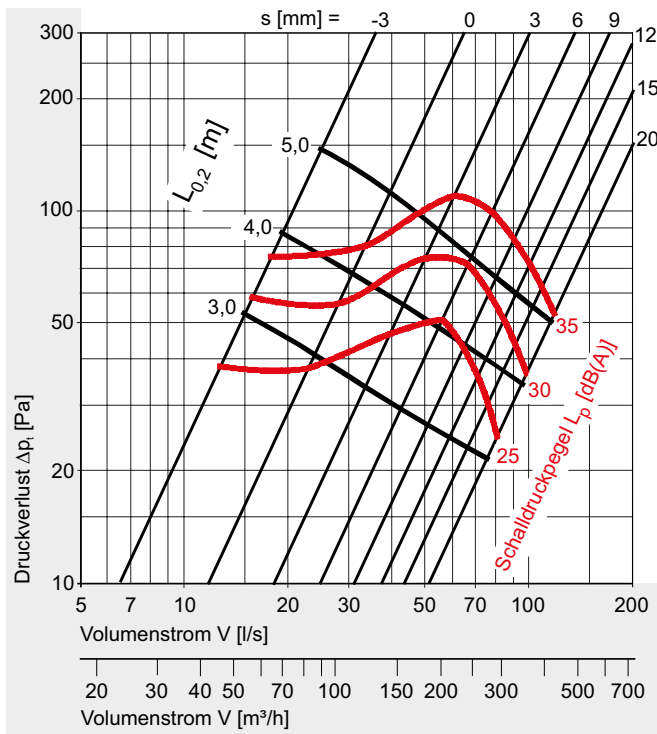
Size DN 125



Size DN 160



Size DN 200



Legend  $\Rightarrow$  see page 6

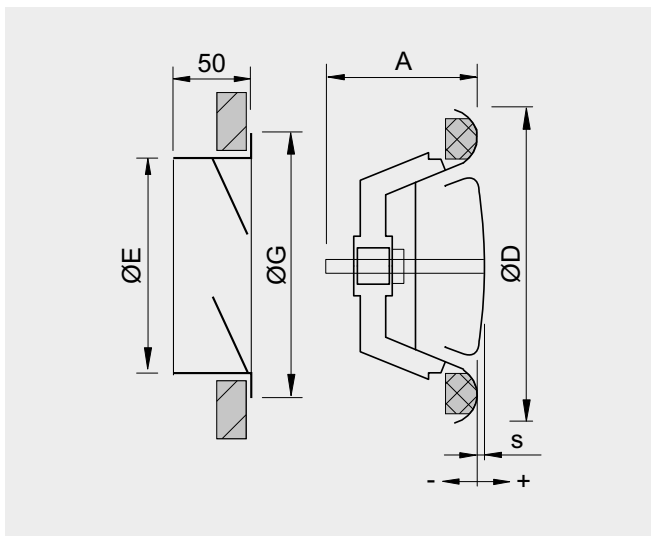
# VSA exhaust air valve

Data sheet (1)

## VSA air valve for exhaust air.

For installation in ceilings, walls and free-hanging applications. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

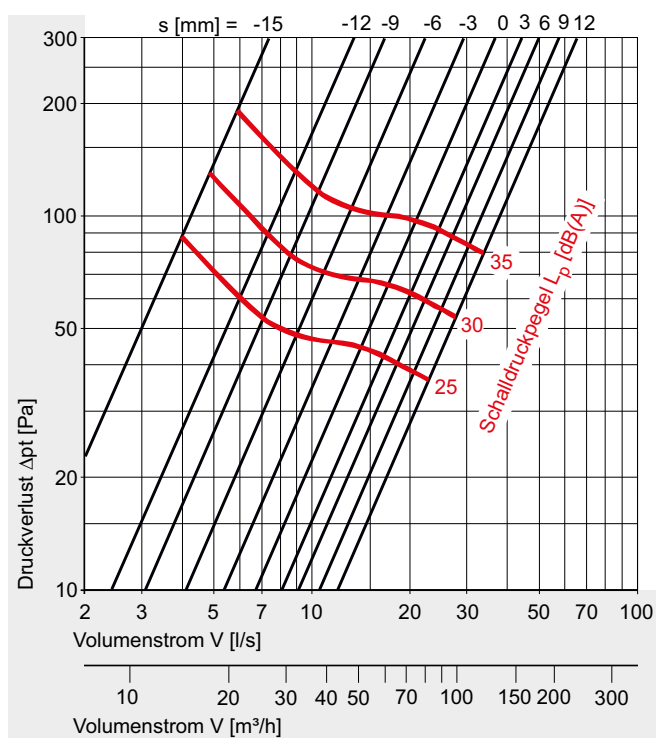
The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.



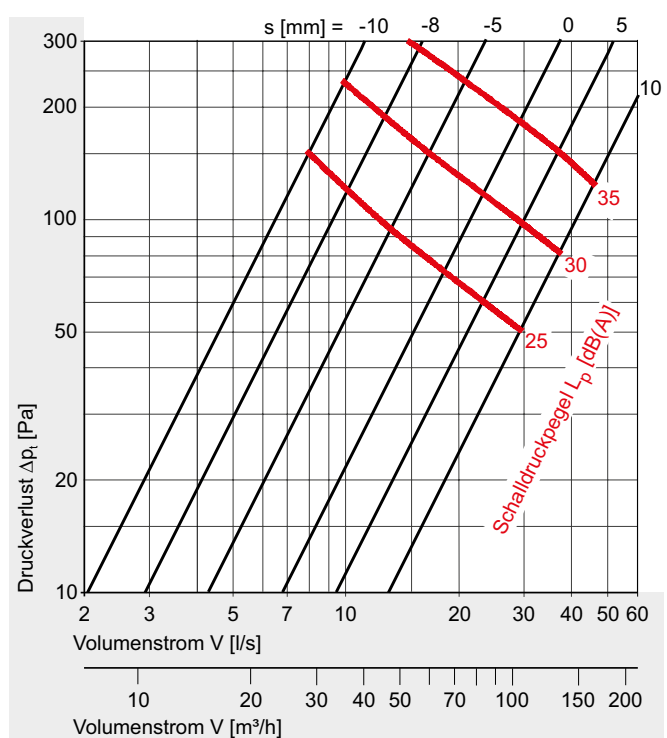
### Available sizes

Size DN	80	100	125	160	200
$A_{min}$	37	39	43	50	57
$A_{max}$	74	74	77	89	105
$\varnothing D$	117	139	166	209	248
$\varnothing E$	79	99	124	159	199
$\varnothing G$	105	125	150	186	225

### Size DN 80



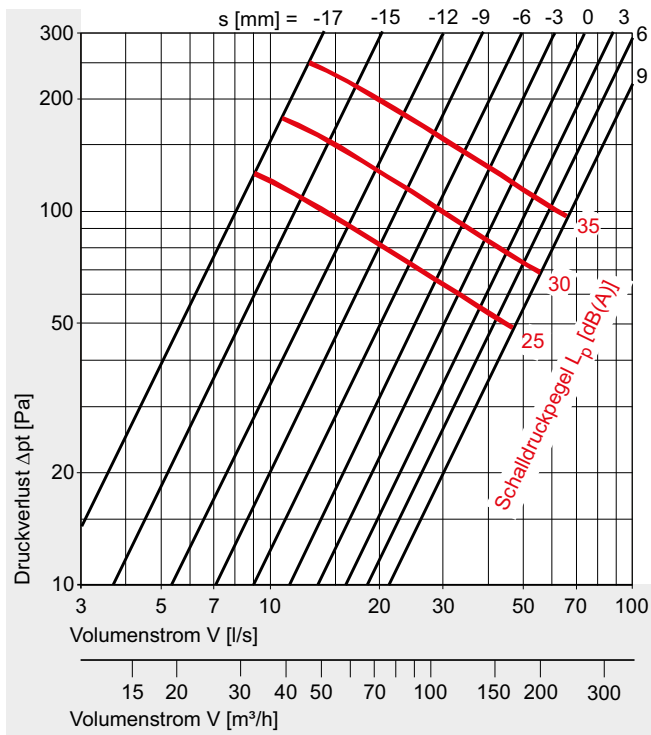
### Size DN 100



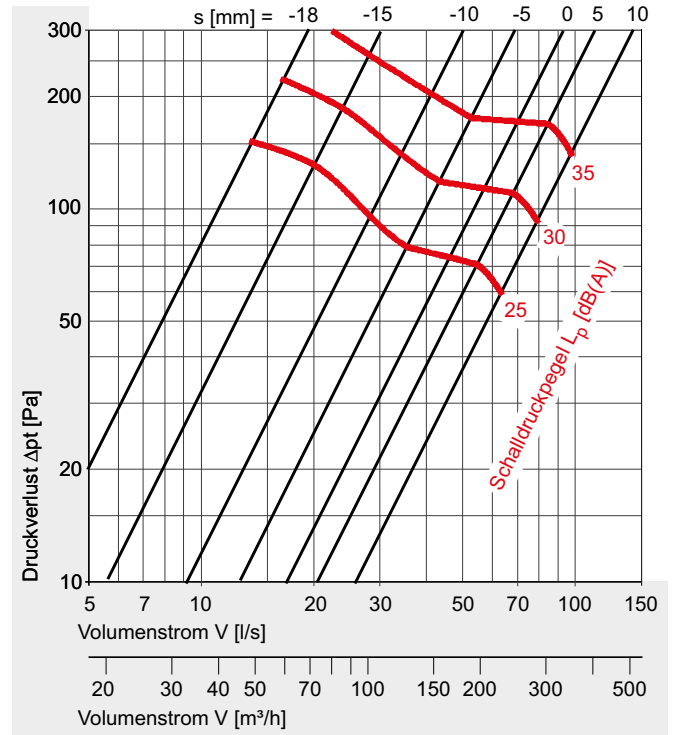
# VSA exhaust air valve

Data sheet (2)

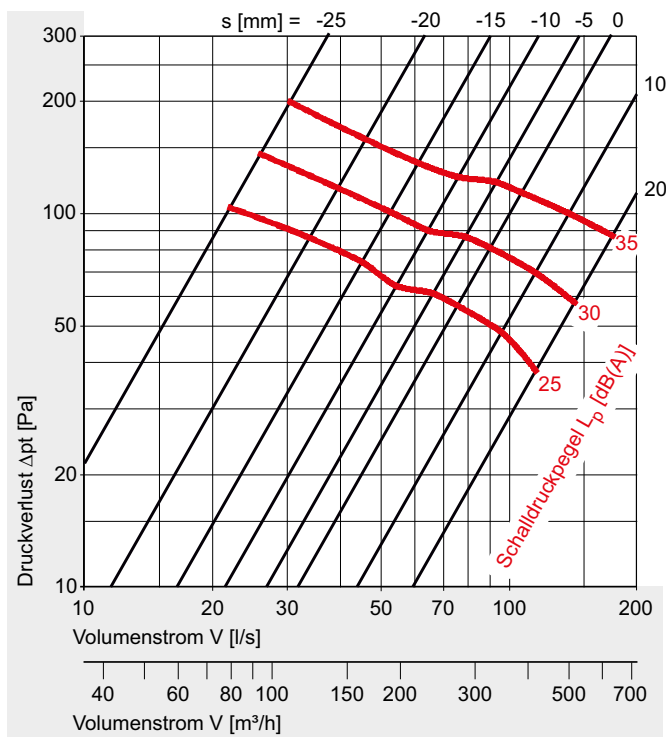
**Size DN 125**



**Size DN 160**



**Size DN 200**

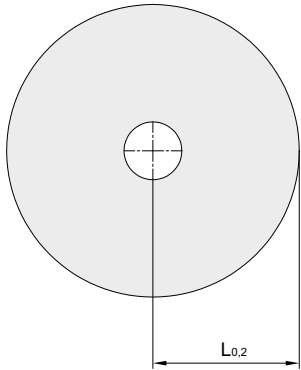
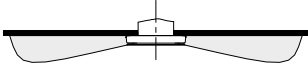


Legend  $\Rightarrow$  see page 6

# Air valves

## Radial air jet path, legend

### Radial air jet path for VSZ supply air valve under a ceiling or on a wall



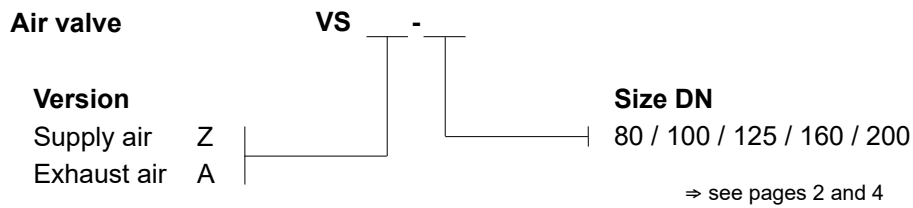
$L_{0.2}$  [m] = Air jet path for wall or ceiling air jet  
with 0.2 m/s flow velocity

### Legend:

V	[l/s] or [m <sup>3</sup> /h]	Volume flow rate
$\Delta p_t$	[Pa]	Total pressure loss
s	[mm]	Valve stroke
$L_p$	[dB(A)]	A-rated sound pressure level
$L_{WA}$	[dB(A)]	A-rated sound power level
		$L_{WA} = L_p + 4 \text{ dB}$
$L_{0.2}$	[m]	Air jet path for 0.2 m/s flow velocity

# Air valves

Order data, tender texts



for VSZ:

Air valve for supply air. For installation in ceilings, walls and free-hanging applications. The air jet spread is radial all round. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

for VSA:

Air valve for exhaust air. For installation in ceilings, walls and free-hanging applications. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

.....	pc(s)	
Volume flow rate:	.....	m <sup>3</sup> /h
Pressure loss:	.....	Pa
Sound pressure level	.....	dB (A)
Manufacturer:	WILDEBOER®	
Type:	VSZ / VSA	
Size	.....	
	deliver:	.....
	assemble:	.....

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