



DELTA SV/SVS

Whether you need manually or pneumatically controlled butterfly valves for preassembled valve manifolds, the DELTA SV/SVS series from APV is the answer. A robust and reliable shut-off element with a long service life.

The DELTA SV/SVS valves have been used for many years in the brewery, beverage, dairy, food, pharmaceutical and chemical industries.

Characteristics

The product passages are smooth and the special seals ensure a thorough cleaning. The valves have a unique metallic stop preventing the valve flanges from being tightened too much. This feature also protects the valve seal from mechanical stress and thus lengthens the seal life. Only one actuator covers all diameters from 1" - 4" (25-100 mm). Sliding bearings on the pivots of the discs increase operating reliability. All valves are equipped with optical position indicators.



DELTA SVS

Valve with pneumatic actuator and unique "wafer type" flange assembly.



DELTA SV

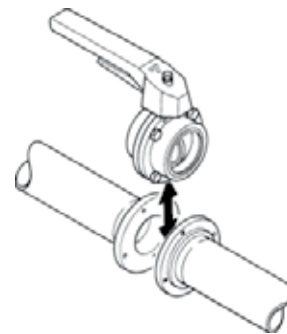
Manually operated valve.

Operation

The DELTA SV/SVS butterfly valves are optionally equipped with manual controls and closed position locks, manual controls with setting device or with a pneumatic actuator. The actuator is fully welded and maintenance-free with a five-year APV guarantee. It can be supplied as required with spring/air or air/air function. The actuator can be equipped with the wide range of APV's control units.

Special Features of SVS Valves

The SVS valve has been designed specifically for applications where valves are installed in lengthy or fixed pipelines, or restricted access areas. By a simple removal of the flange bolts, the valves can be easily accessed/removed to perform routine seal checks and seal replacement.



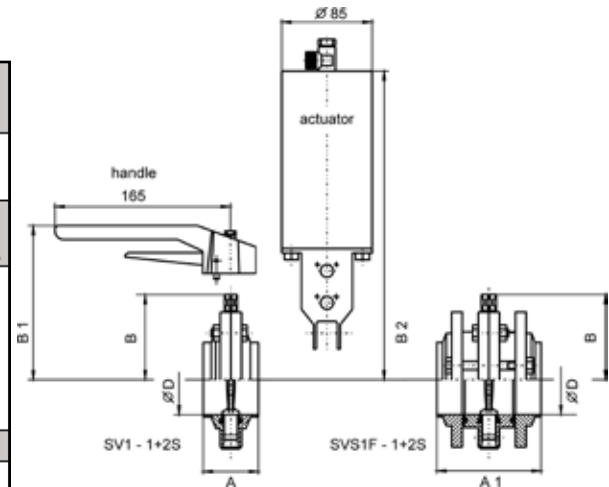
Dimensions

DN	A		A1		B		ØD		B1		B2	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
25	2.047	52	3.858	98	2.165	55	1.024	26	3.425	87	10.669	271
40	2.047	52	3.858	98	2.520	64	1.496	38	3.780	96	11.024	280
50	2.047	52	3.858	98	2.756	70	1.968	50	4.016	102	11.260	286
65	2.063	52.4	3.858	98	3.150	80	2.598	66	4.331	110	11.575	294
80	2.063	52.4	3.858	98	3.465	88	3.189	81	4.606	117	11.870	301.5
100	2.063	52.4	3.858	98	3.819	97	3.937	100	5.000	127	12.264	311.5
Tube												
1"	2.047	52	3.858	98	2.165	55	0.870	22.6	3.425	87	10.591	269
1.5"	2.047	52	3.858	98	2.500	63.5	1.370	34.8	3.780	96	10.945	278
2"	2.047	52	3.858	98	2.756	70	1.870	47.8	4.016	102	11.181	284
2.5"	2.063	52.4	3.858	98	3.150	80	2.370	60.3	4.331	110	11.457	291
3"	2.063	52.4	3.858	98	3.287	83.5	2.870	72.9	4.449	113	11.870	301.5
4"	2.063	52.4	3.858	98	3.839	97.5	3.834	97.6	5.000	127	12.185	309.5

The butterfly valve program includes connection types like butt-weld and tri-clamp as standard. Other connection types are available upon request.

Technical Data

Sizes	DELTA SV : 1" - 4" and DN25 - 100 DELTA SVS: 1" - 4" and DN25 - 100
Product wetted parts	1" - 4"/DN125 - 250 AISI 316L DN25 - 100 AISI 304 or AISI 316L
Seal materials	EPDM, HNBR, FPM, VMQ All seals comply with the FDA requirements.
Max. temperature	EPDM, HNBR: 275°F / 135°C short time: 284°F / 140°C VMQ: 212°F / 100°C FPM: 212°F / 100°C FPM not to be used for hot water
Max. line pressure	145 psig / 10 bar
Min. control air pressure	1" - 2.5" / DN25 - 65 - 72.5 psig / 5 bar
Max. control air pressure	145 psig / 10 bar



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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

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