

- Saving system costs
- Compact design
- Easy maintenance
- Optimal sealing
- Flange or pipe fittings
- Flanges drilled in accordance with PN 10 and ANSI 150 lbs
- Cast iron, aluminium or stainless steel
- Versions conforming to ATEX 94/9/EC available

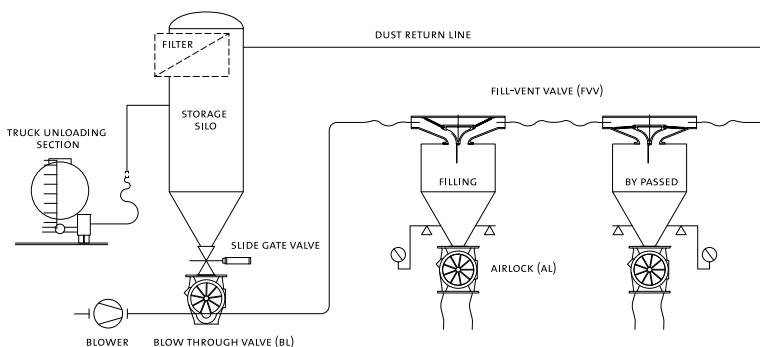


FVV Fill Vent Valves

The FVV fill vent valves or weigh valves can be used in bulk handling systems where product is pneumatically conveyed to a silo or hopper that is process weighed. The FVV is ideally suitable for food and chemical industries.

The valve can be used to discharge the product into a silo, while the air is exhausted. When the required weight in a silo has been reached, the valve changes position by means of two actuators. The product is then sent to alternative weigh stations or conveyed back to the main storage silo. Only one filter unit is required for the complete system, thus saving considerable system costs.

The FVV is available in two versions: the FVV-F type with flange fittings and the FVV-P type with pipe fittings. Both versions are available in aluminium, cast iron and stainless steel, in the ranges 50 - 150 (1.97"-5.91"). Larger versions are available on request.

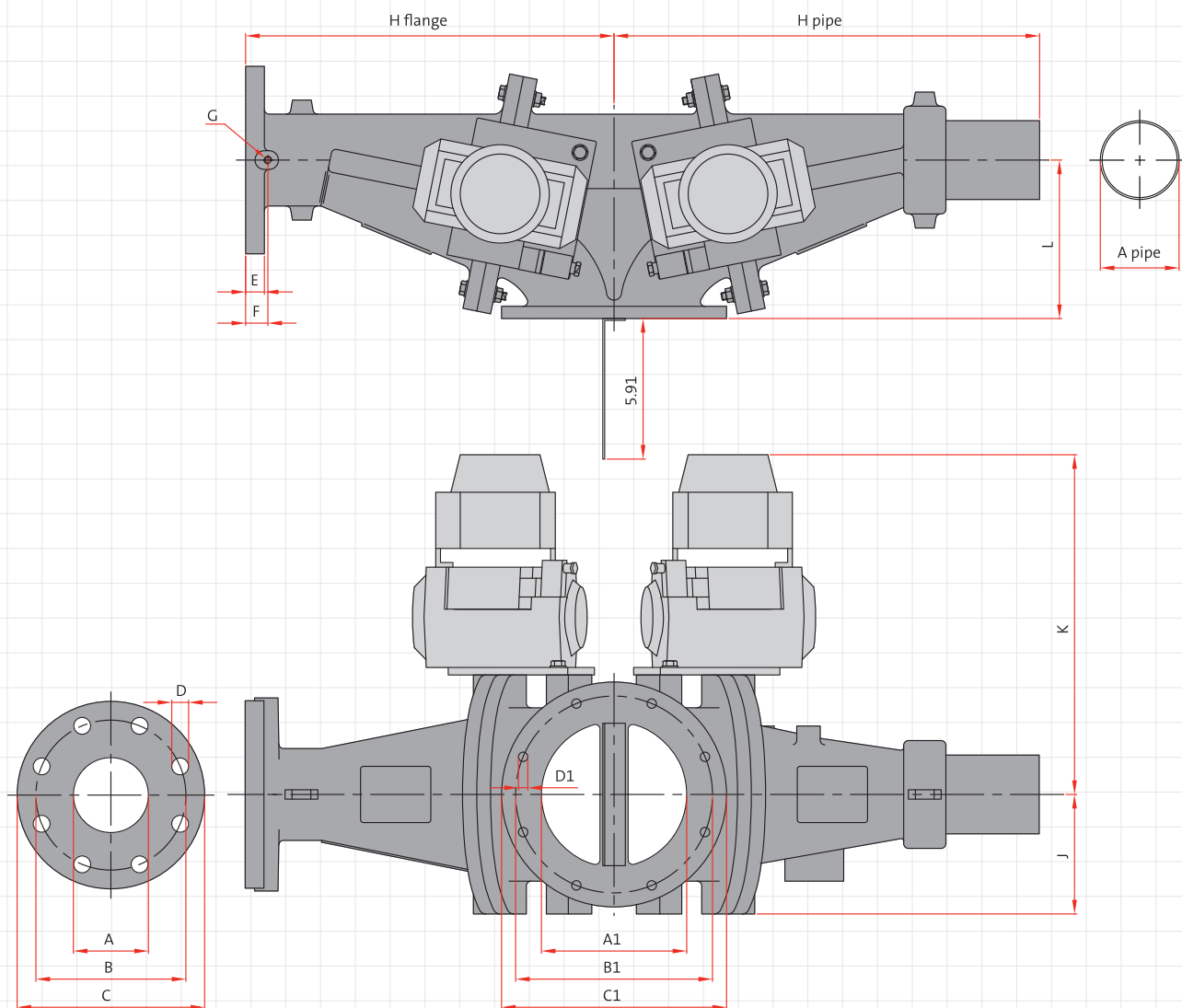


Product information

The robust body is manufactured in three sections split at the flanges, giving direct access to the internal sealing flap. The parabolic style stainless steel flap assembly is fitted with a wear resistant polyurethane seal, providing a virtually leak proof non-contaminating unit. A food quality polyurethane seal is optionally available.

The two internal parabolic flaps are operated by pneumatic actuators.

The FVV valve can be used in systems with positive pressures up to 14.5 PSI and negative pressures up to 4.35 PSI. The standard polyurethane flap can be used for temperatures up to 176 °F. Options for higher temperatures are available on request.



Type FVV	FVV P*			DIN			ANSI			ØA1	ØB1	ØC1
	ØA	ØA (AISI)	ØA (St.37)	ØB	D	ØC	ØB	D	ØC			
80	1.97	Ø2.13x0.08	Ø2.13x0.10	4.92	4xØ0.71	6.50	4.75	4xØ0.75	4.13	6.30	7.48	
65	2.56	Ø2.76x0.08	Ø2.76x0.11	5.71	4xØ0.71	7.28	5.50	4xØ0.75	4.72	7.09	7.87	
80	3.15	Ø3.31x0.08	Ø3.50x0.16	6.30	8xØ0.71	7.87	6.00	8xØ0.75	6.10	8.27	9.45	
100	3.94	Ø4.09x0.08	Ø4.25x0.14	7.09	8xØ0.71	8.66	7.50	8xØ0.75	7.28	9.45	10.24	
125	4.92	Ø5.08x0.08	Ø5.24x0.16	8.27	8xØ0.71	9.84	8.50	8xØ0.87	8.46	10.63	11.42	
150	5.91	Ø6.06x0.08	Ø6.26x0.18	9.45	8xØ0.87	11.22	9.50	8xØ0.87	9.65	12.80	13.98	

Type FVV	D1	E	F	G	H flange	H pipe	J	K	L
50	8xØ0.39	0.71	0.75	M8x12	12.40	14.76	4.06	12.64	6.18
65	8xØ0.39	0.71	0.75	M8x12	13.43	15.79	4.33	12.91	6.50
80	8xØ0.39	0.79	0.94	M8x12	15.47	17.87	5.04	14.29	6.65
100	8xØ0.39	0.79	0.94	M8x12	17.01	19.21	5.63	14.80	8.50
125	8xØ0.39	0.87	0.94	M8x12	19.13	21.42	6.50	16.14	11.18
150	8xØ0.47	0.87	0.94	M8x12	20.79	23.07	7.28	16.93	11.22

* Other pipe diameters on request