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Float valve V 140

V 140



Float valve V 140

DN 10 to DN 80



V140 PP

V140 PVC

USE

V140 float valves are used for the purpose of automatic infeed control for tanks and containers. This enables filling levels to be kept constant.

FUNCTION

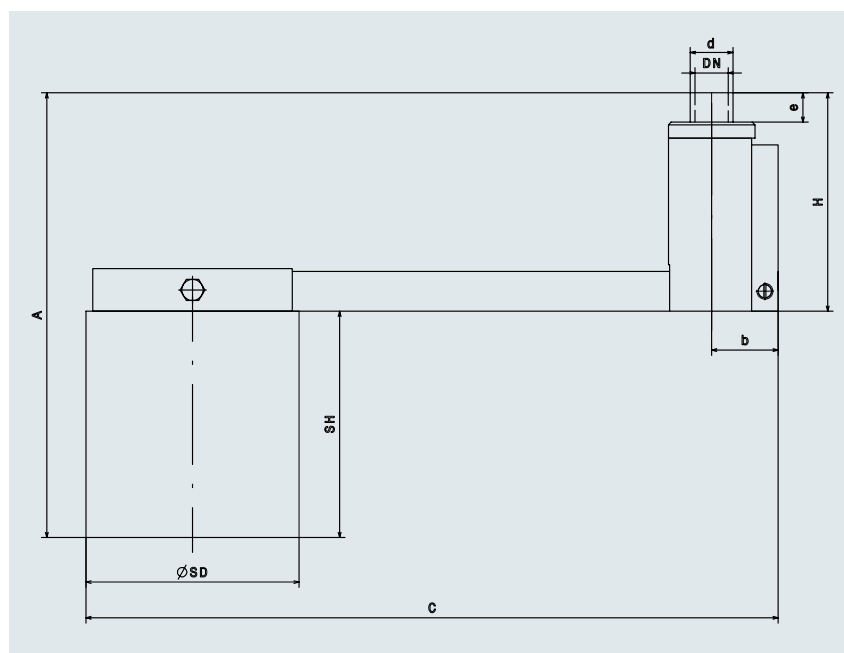
The float valve V140 is fitted to the container wall according to the desired filling level and is connected to the infeed line. As the liquid level rises, the float is raised and closes the valve via the lever arm. If the liquid level falls, the infeed is opened and the medium can flow in until the appropriate filling level is reached again.

SPECIAL FEATURES

- Optimum level control without auxiliary energy
- Robust, low-maintenance design
- Reliable in service thanks to integral seat seal
- Standard lever ratio: 1:10
If desired, 1:7 for restricted installation conditions

TECHNICAL DATA

Material	PVC, PP
Sealing element	EPDM, FPM (Viton)
Bearing axle	1,4571
Perm. operating pressure	max. 6 bar at 20 °C
Installation position	vertical
Connection	Adhesive and fusion spigots. Available on request with screw connections or flanges.



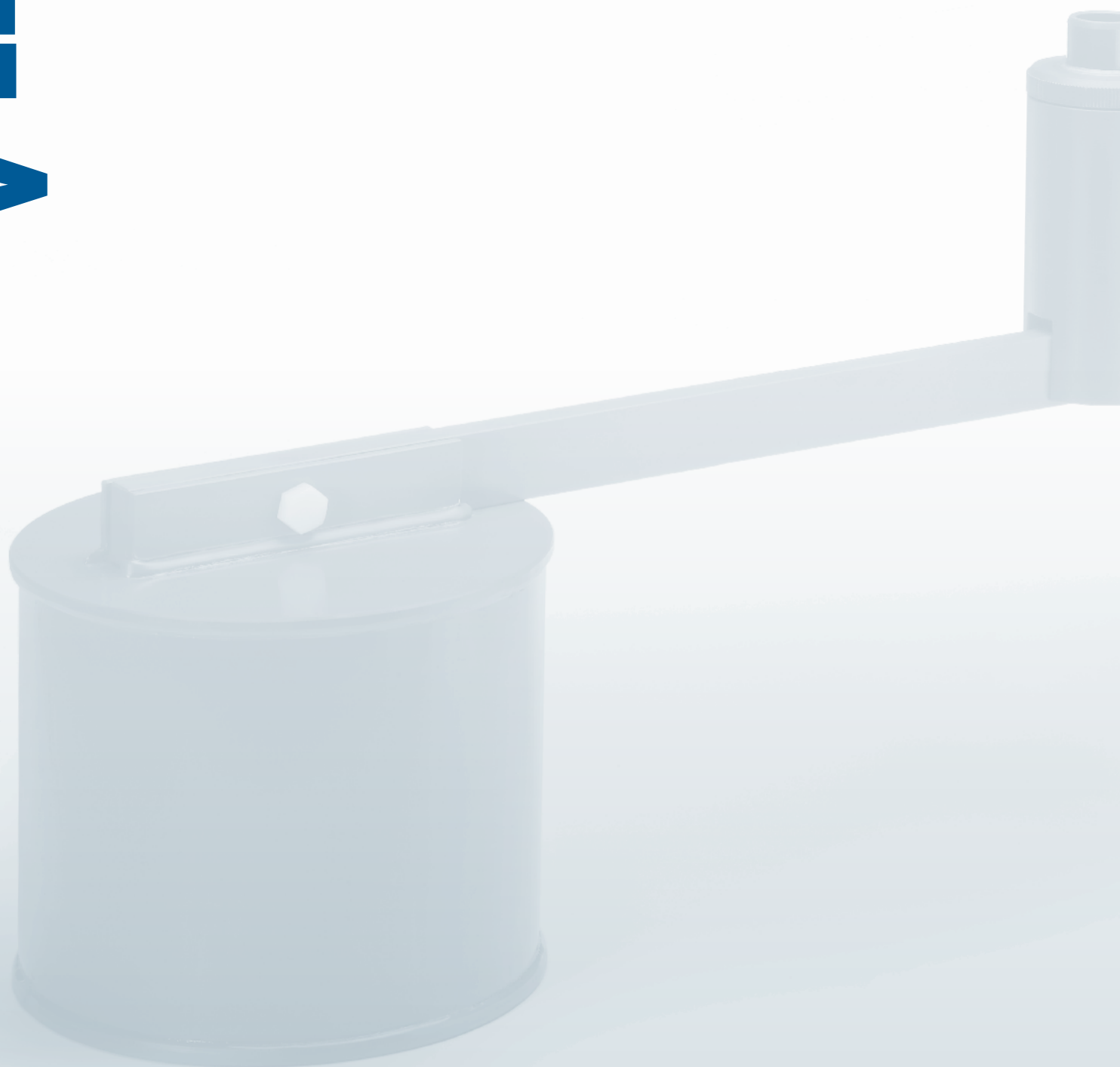
DIMENSIONS IN MM (GUIDELINE VALUES)

d	DN	ø D	H	a	b	c Lever 1:10	c Lever 1:7	e	A	ø SD	SH
16	10	45	120	80	36	380	305	14	270	125	130
20	15	45	120	80	36	380	305	16	270	125	130
25	20	65	160	110	50	530	430	19	340	160	170
32	25	65	165	110	50	530	430	22	345	160	170
40	32	90	210	130	65	720	575	26	440	225	210
50	40	90	215	130	65	720	575	31	445	225	210
63	50	130	255	160	86	975	775	38	595	315	290
75	65	130	260	160	86	975	775	44	600	315	290
90	80	150	290	180	101	1,140	905	51	640	355	340

ARTICLE NUMBERS

d	DN	PVC with adhesive spigot		PP with fusion spigot	
		EPDM	FPM	EPDM	FPM
16	10	10.001.291	10.001.375	10.001.300	10.001.384
20	15	10.001.292	10.001.376	10.001.301	10.001.385
25	20	10.001.293	10.001.377	10.001.302	10.001.386
32	25	10.001.294	10.001.378	10.001.303	10.001.387
40	32	10.001.295	10.001.379	10.001.304	10.001.388
50	40	10.001.296	10.001.380	10.001.305	10.001.389
63	50	10.001.297	10.001.381	10.001.306	10.001.390
75	65	10.001.298	10.001.382	10.001.307	10.001.391
90	80	10.001.299	10.001.383	10.001.308	10.001.392

V140



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