



HydroFlap Float-controlled Flap Valves

Robust flood protection for
sewers and ancillary structures

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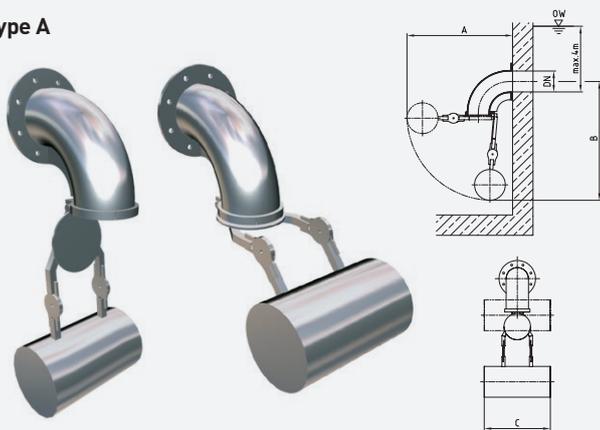
HydroFlap Float-controlled Flap Valves, Type A DN 100 up to DN 400

- controls max. water level in pump sumps
- enables constant pump feed by limiting water head
- suitable for flood protection operations
- manufactured with stainless steel: material 1.4301 (V2A), 1.4571 (V4A) on request
- bearings brass/zinc alloy
- robust construction for fixing
- contamination resistance
- removable float
- adjustable closing position
- optional: flange with connecting dimensions acc. to DIN 2501
- complete with sealing material and stainless-steel fixings

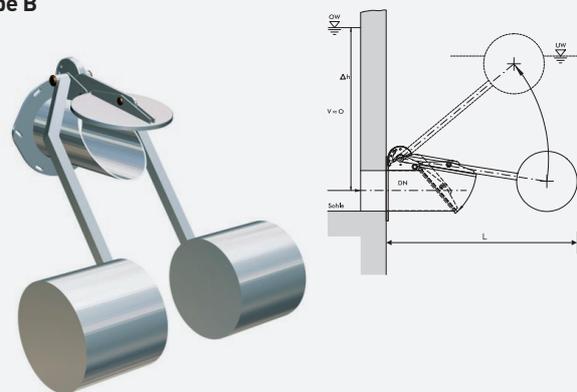
HydroFlap Float-controlled Flap Valves, Type B from DN 400, see also Type A

- controls max. water level
- enables constant pump feed by limiting water head
- suitable for flood protection operations
- manufactured with stainless steel: material 1.4301 (V2A), 1.4571 (V4A) on request
- robust construction for fixing
- contamination resistance
- housing adjustable by means of a tappet
- easily replaceable rubber seal
- removable float, usable right or left
- three standard factory settings for opening/closing positions
- flange options: wall or DIN acc. to DIN 2501
- complete with sealing material and stainless-steel fixings

Type A



Type B



HydroFlap Type A, Impounding Heights and Dimensions

DN [mm]	A [mm]	B [mm]	C [mm]	Ø Schwimmer
100	700	720	450	200
150	930	1080	450	300
200	1020	1230	650	350
250	1240	1410	700	400
300	1410	1640	800	450
400	2050	2350	800	550

Higher impounding heights and special sizing on request, subject to technical change, all values are approximate.

HydroFlap Discharges and Dimensions, DN 100–300

DN [mm]	No. of floats		Q at $\Delta h=1DN$	Q at $\Delta h=2DN$
	$\leq 2,5 m$ WS	$\leq 5 m$ WS	[l/s]	[l/s]
100	1	1	9	13
150	1	2	25	35
200	1	2	52	73
250	1	2	90	128
300	1	2	144	203

When gate is open

- Weitere Informationen auf Anfrage