

Rinse tub

KUNST VV-200-K through VV-1500-K

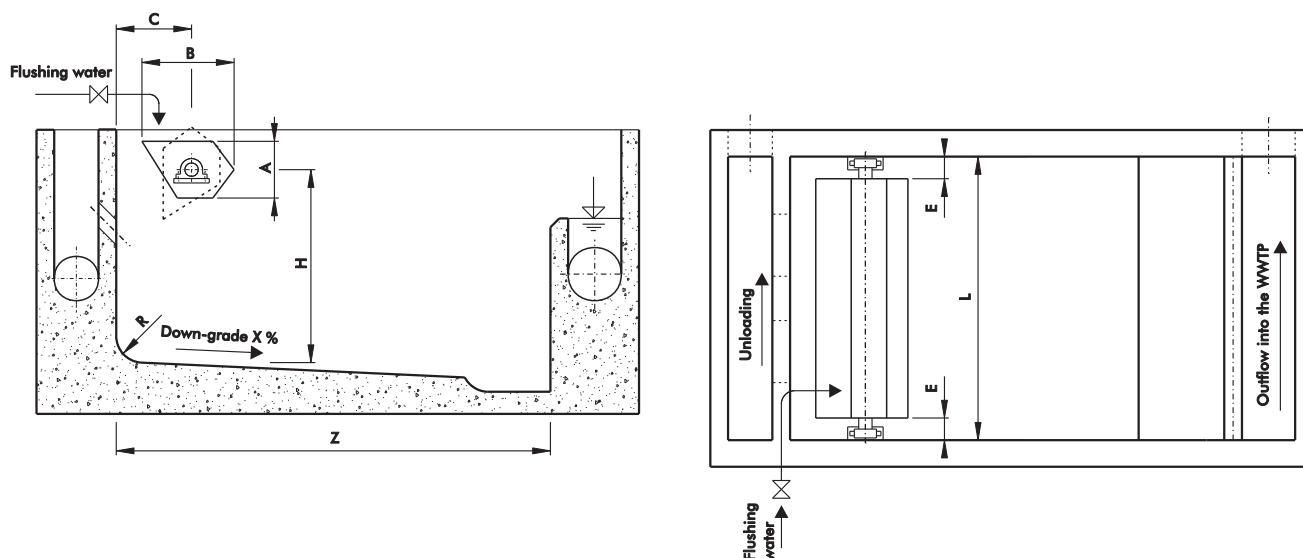


TABLE OF MAIN DIMENSIONS:

Dimension V (l/m)	A mm	B mm	C mm	E mm	L (1) mm	R mm	X (2) %	Z (3) mm	H (4) mm
200	476	700	600	170	2000 - 6000	600	1 - 4		
300	576	850	700	170	2000 - 6000	700	1 - 4		
400	660	970	800	170	2000 - 6000	800	1 - 4		
500	734	1060	880	170	2000 - 6000	880	1 - 4		
600	800	1170	950	170	2000 - 8000	950	1 - 4		
700	862	1260	1050	170	2000 - 8000	1050	1 - 4		
800	920	1350	1100	170	2000 - 8000	1100	1 - 4		
900	974	1430	1200	170	2000 - 8000	1200	1 - 4		
1000	1024	1500	1250	170	2000 - 8000	1250	1 - 4		
1100	1080	1560	1350	250	2000 - 8000	1350	1 - 4		
1200	1125	1620	1400	250	2000 - 8000	1400	1 - 4		
1300	1170	1690	1450	250	2000 - 8000	1450	1 - 4		
1400	1210	1760	1500	250	2000 - 8000	1500	1 - 4		
1500	1260	1850	1550	250	2000 - 8000	1550	1 - 4		

REMARK:

1. In case of wide tanks, the tub is divided into several rinsing zones
2. Rating the rinse tub it is only possible to choose dimensions from the table above
3. Tank length depends on down grade as well as the difference in height
4. The height of the incline depends on the length of the tank
5. Outflow from the tank depends on the real disposition
6. Dimensions exceeding the dimensions mentioned above are offered individually to the customer's needs.

R.č. VV-K 02/08-B-en

Rinse tub

KUNST VV-200-K through VV-1500-K

APPLICATION

The rinse tubs VV-200-K through VV-1500-K are used to wash out settled sludge from empty stormwater retention tanks.

FUNCTIONAL PRINCIPLE

The rinse tub is filled with water from the feed pipe. Water can be used from the network or, an own dwell, or a water reservoir. The rinse tub filled with water is pivot-mounted and can be emptied by changing of the balance point. The rinse tub is emptied onto the rear wall of the stormwater retention tank. In case of proper rating the amount of rinse water, the stormwater retention tank is properly flushed out. Accessing the bearings to grease them is required. If the rinse tub is not located under a roof, it is recommended to leave the tub in lower position after flushing. This avoids dirt to settle and protects the tub from formation of ice during the winter months. The dimensions of the tub need to be customized. In case of wide stormwater retention tanks, the washing zone is subdivided in parallel wash zones. On the opposite side of the tank a reservoir is required. The reservoir needs to have the capacity of the tub or above.

MATERIAL DESIGN

Rinse tubs are made of stainless steel. This ensures a low device weight, ensures long plant lifetime without necessity of work and cost intensive maintenance. Shafts of the tub are mounted on rolling bearings. The most suitable possibility – individual solutions excepted – is to locate the tub on plates which are anchored in the side walls of the tank.

OPERATION AND MAINTENANCE

The operation and maintenance of all sizes of resin tubs is limited to visual inspection during inspection round. Once a year it is required to grease the bearings. Before entering the stormwater retention tank, it is necessary to shut down the inflow water into the tub and empty the tubs.

AUTOMATION OF OPERATION

The operation of the rinse tub with automatic filling and emptying is possible. The number of repeating flushings can be defined and the state information can be transmitted into the control room. The level of automation is adapted to the customer's needs.

DELIVERY FORM

The equipment is the total rinse tub including delivery and installation or according to contract.

DELIVERY DATE

According to contract