

AS-KIPPE

Equipment for flushing of rainwater collectors



AS-KIPPE flushing flaps are vessels suspended on bearings and once they are filled with water, they change their centre of gravity and tip over. Consequently, the water stream forms a wave, which flushes various deposits from the tank bottom to a single place, where they can be further disposed of. Most commonly, the flaps are used with rainwater tanks. In rain time, water brings organic and inorganic debris consequently accumulated and sedimented in rainwater collectors. If such debris is left there, the neighbourhood will be disturbed with undesirable odours, etc.

Advantages

- Flushing is the most economical way of deposit removal
- Flushing flap is a simple device, reliable in service
- Strong dynamics of flushing
- Balanced, fine, and silent movements
- Flushing length up to 80 metres
- Max. width of a single section is 6 metres
- Lightweight construction is made of stainless steel, no maintenance is required



AS-KIPPE - Technical Data

Type	Flap volume in [l/ rm]	Flap diameter D [m]	Pivot length Lč [mm]	Pivot depth from the collector edge Hč [mm]	Weight at section width of 6 m M [kg]
AS-KIPPE/200	200	0.55	610	380	281
AS-KIPPE/300	300	0.59	650	400	306
AS-KIPPE/400	400	0.665	730	430	355
AS-KIPPE/500	500	0.74	810	470	406
AS-KIPPE/600	600	0.82	900	510	464
AS-KIPPE/700	700	0.885	970	540	514
AS-KIPPE/800	800	0.94	1030	570	558
AS-KIPPE/900	900	1.0	1100	600	607
AS-KIPPE/1000	1000	1.052	1160	630	652
AS-KIPPE/1100	1100	1.104	1210	650	699
AS-KIPPE/1200	1200	1.152	1270	680	743
AS-KIPPE/1300	1300	1.2	1320	700	789
AS-KIPPE/1400	1400	1.245	1370	720	833
AS-KIPPE/1500	1500	1.3	1430	750	890
AS-KIPPE/1600	1600	1.355	1490	780	948
AS-KIPPE/1700	1700	1.41	1550	810	1009
AS-KIPPE/1800	1800	1.465	1610	830	1071

Material

The material design of all parts of the flap (reservoir, pivots, boxes, brackets, grease cups, and anchors) involves only Grade 1.4301 (X5CrM18-10) stainless steel.

Marking

ASKIPPE/xxx/yyyy

- xxx – required volume in litres per running meter (300 - 1800 l/rm)
- yyyy – width of a single section in mm (max. 6000 mm)



Operation automatic mode

The standard supply contains the flushing flap, including the complete anchoring system. If the automated operation is required, it will be possible to extend the supply with self-acting filling of the flap, setting the number of flushing cycles, and acoustic alarm indicating the flap tipping over. The automatization level can be modified according to the client's instructions.



WE WILL BE PLEASED TO HAVE AN OPPORTUNITY TO PREPARE THE EQUIPMENT TECHNICAL DESIGN FOR YOU!

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