



Adjustable Overflow Weir KD34



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The adjustable overflow weir KD 34 is designed for controlling the inlet volume in inlet structures and distributor structures. It may also be used in outlet structures and in sand traps to control the water level and in grease traps to remove grease from the surface of the water.

The adjustable overflow weir is placed between two side plates. Rubber sealing strips ensure that the weir fits tightly to the side plates. These side plates may be supplied with heating units preventing the tilting plate from freezing in the winter.

The weir is adjusted by means of a vertical spindle and a worm gear motor. Lubrication for the spindle is led up to the control box through hoses for easy access.

The gear motor that controls the tilting plate features a built-in end stop and a trip switch for automatic operation. The gear motor also features a hand wheel for manual operation.

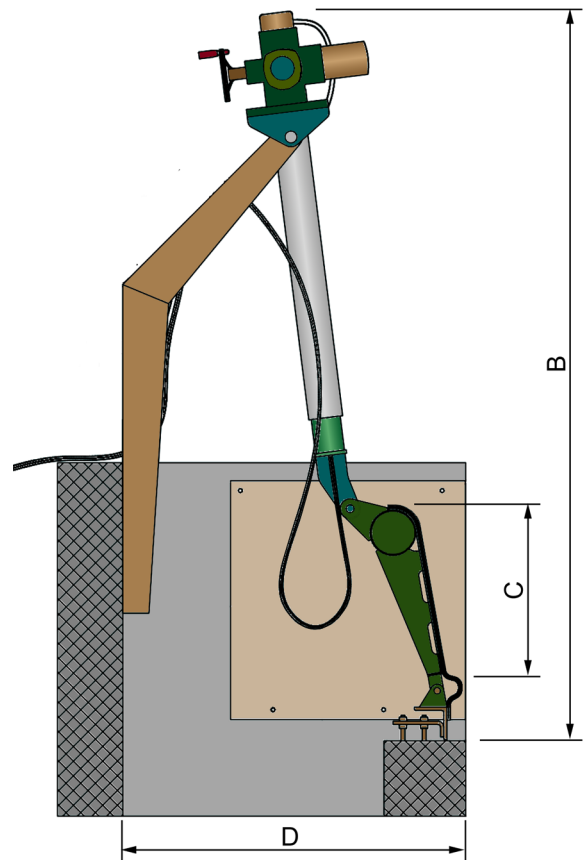
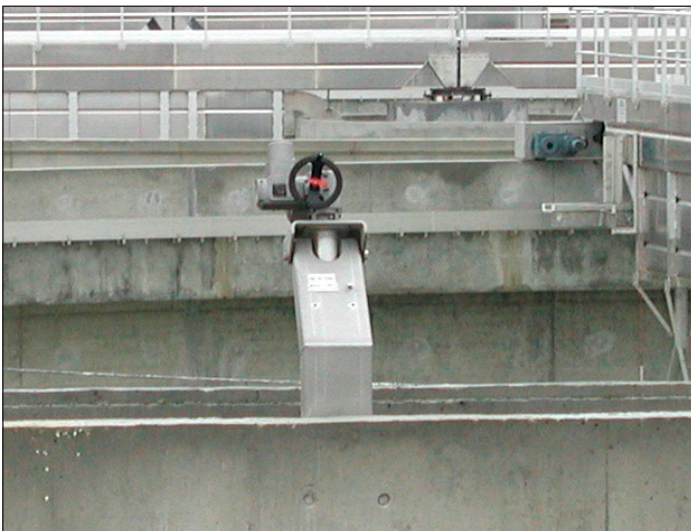
The adjustable overflow weir is supplied with switches for manual operation. Bracket and tilting plate are made

of hot-galvanised steel as standard. Side plates and the spindle protective casing are made of stainless steel.

The weir is available in two variations:
Model A - installed in through cast in situ (see sketch).
Model B - installed on girder.

Gear motor make: Auma Actuator
Sealing strips: EPDM rubber
Accessories:
- Gear with position indicator
- Heating units
- Scum baffle

The adjustable overflow weir can also be delivered in a manually operated version.



Model	KD 34-1000	KD 34-2000	KD 34-2500	KD 34-4000	KD 34-5000
Length (mm)	1000	2000	2500	4000	5000
B (mm)	2270	2270	2270	2270	2270
C (mm)	500	500	500	500	500
D (mm)	750	750	750	750	750
Weight (kg)	180	240	270	360	410
Power * (kW)	0,37	0,37	0,37	0,37	0,75
AUMA model	SA07.5	SA07.5	SA07.5	SA10.1	SA10.1
R/min	32	32	32	32	32

* Power, heated side plates: 2 x 0,21 kW

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