

## Synchronous control

Due to different friction ratios at the gate rollers and due to unequal oil flow to the servomotors respectively, the gate could tilt on account of lack of synchronous control.

The synchronous control is carried out with the aid of electrical and hydraulic equipment. It controls all occurring gate positions and causes adjustments if necessary. The adjustment time is approx. 10 sec.

For measuring left-hand or right-hand tilting (when viewed in the direction of water flow), 2 diagonally arranged approximation initiators, working reactively, find application.

On approximation to the lateral guide and/or on removal from it, an initiator transmits a signal so that the electrical valves can perform their control function.

During a parallel tilting to the left and/or right (when viewed in the direction of water flow), two initiators each are simultaneously approximated by the same amounts, so that the present hydraulic will not be influenced by synchronization.