

Double Gate overflow valves

Westatlantic Tech Corp., water control valves for are HDPE and 316L stainless steel materials. Valves available are Flap Valves, Sluice Gate Valves, Penstock Gate Valves and other water control devices.

DOUBLE OVERFLOW GATE VALVE DPOS

The overflow gate valve DPOS has the same function as the overflow gate valve POS.

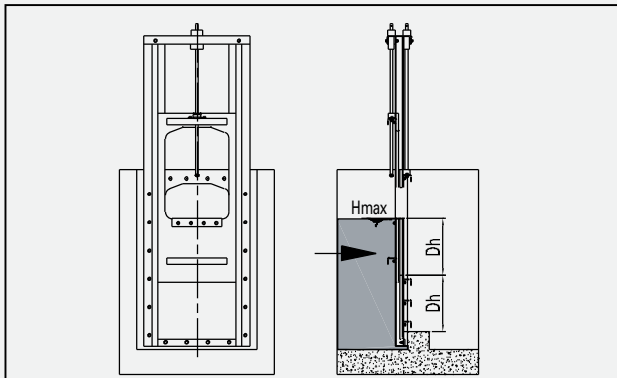
In addition to the above-mentioned POS, the DPOS product has the extra feature that the lower part of the construction is not fixed.

The DPOS has two doors. The upper door regulates between the minimum and maximum levels, just like the POS overflow gate valve. The lower door can be lifted.

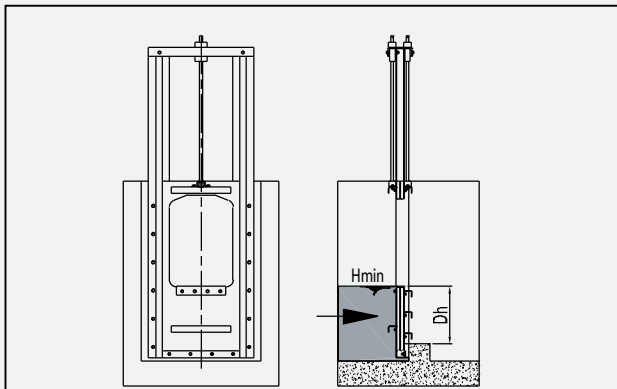
Each door is operated by its own spindle.

Why would you require this DPOS overflow gate valve with two doors?

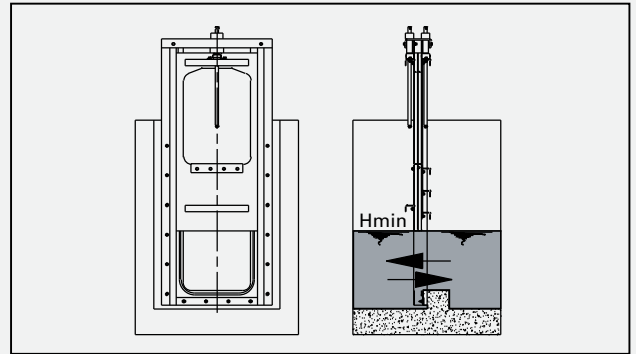
The lower door is used to drain the channel in times of excess water. Following heavy rainfall, so much water could accumulate in the channel, that the overflow gate valve could not handle all the water. To prevent such a situation the lower door can be opened / lifted so that the excess water can be drained.



Lower door closed and upper door in maximum (H max) position.

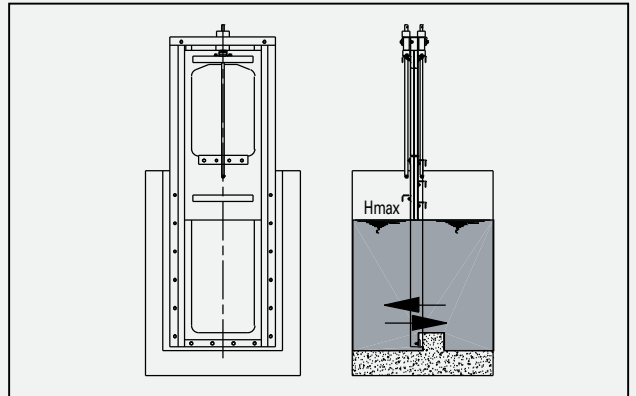


Lower door closed and upper door in minimum (H min) position.



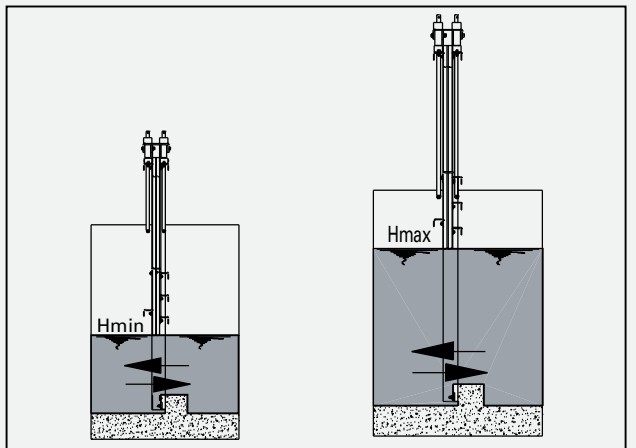
Lower door opened and upper door in maximum position. From bottom to H min there is free flow. No regulation.

When both doors are lifted, the user has the lower door as free flow area. Both doors are lifted to height H min. If there is need for more lifting height you can also lift to H max level.



Lower door opened and upper door above maximum position. From bottom to H max there is free flow.

The consequences of making the DPOS overflow liftable to above H max level can be seen below.



DPOS liftable to (above) H min

DPOS liftable to (above) H max