



Technical Data Sheet

Sheet no. TT-TMB-0021

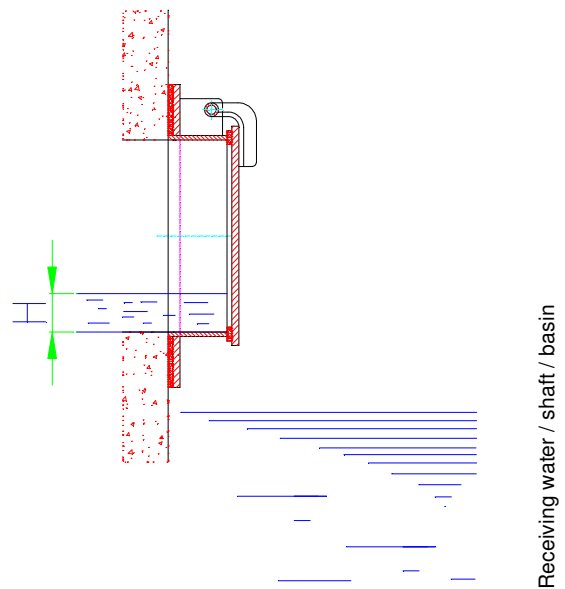
Hydraulic behavior for Flap valves / Outlet flaps made from stainless steel

applicable types: G10-030

With all flap valves / Outlet flaps, the hydrostatic pressure from the pipeline must be higher than the pressure from the receiving water / shaft / basin etc.

The following table shows the guide values for the required minimum cracking pressure.

Dimension	$\Delta H \pm 10\%$ [mm]
dia 150	20
dia 200	25
dia 250	25
dia 300	30
dia 350	35
dia 400	40
dia 450	45
dia 500	50
dia 600	55
dia 700	60
dia 800	65
dia 900	70
dia 1000	75
dia 1200	80
dia 1300	90
dia 1400	100
dia 1500	110
dia 1600	120
dia 1800	140



In the standard version, the flaps are designed with a vertical cover. This has the great advantage that the opening pressure and thus the backflow in the sewer is significantly lower than with flaps with angled cover. In the rest position, however, it is ensured that the cover rests against the seal.