

## Sluice gate, HDPE/stainless steel, wall mounted type, DN 100-800.



### General

- Sluice gate used in surface, sewer, and process water systems.
- Compact design.
- Non-rising stem.
- Corrosion free.
- Low weight.
- Easy to install.

### Options

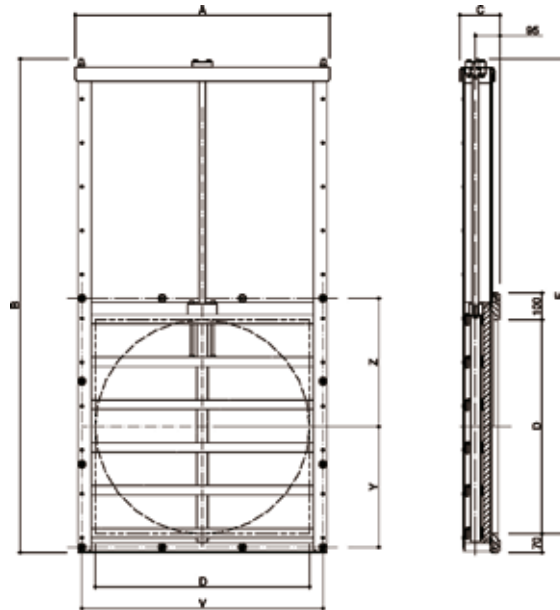
- Other materials.
- Larger dimensions.
- Other pressure ratings.
- Rising stem.
- Pipe connection.
- Flange connection.
- Mounted actuator.
- Circular models.

### Materials and Technical Data

DN	100	125	150	200	250	300	400	500	600	700	800
Moving plate in HDPE with stiffeners											
in stainless steel EN 1.4404	•	•	•	•	•	•	•	•	•	•	•
Stem in stainless steel EN 1.4404	•	•	•	•	•	•	•	•	•	•	•
Stem block in POM	•	•	•	•	•	•	•	•	•	•	•
Bearing ring in OLG	•	•	•	•	•	•	•	•	•	•	•
Back plate in HDPE	•	•	•	•	•	•	•	•	•	•	•
Seals in EPDM	•	•	•	•	•	•	•	•	•	•	•
Max operating pressure 5 MwC on/off seating	•	•	•	•	•	•	•	•	•	•	•

(• = standard)

## Dimensional Drawing



### Dimensions (mm) and Weight

DN	100	125	150	200	250	300	400	500	600	700	800
D	110	125	160	200	250	315	400	500	600	700	800
A	260	275	310	350	400	465	550	650	750	850	950
B	470	500	570	650	750	880	1050	1250	1450	1650	1850
C	130	130	130	130	130	130	130	130	145	155	170
E	400	430	500	580	680	810	980	1180	1380	1580	1780
V	210	225	260	300	350	415	500	600	700	800	900
Y	105	112,5	130	150	175	207,5	250	300	350	400	450
Z	135	142,5	160	180	205	237,5	280	330	380	430	480
DU	110	125	160	200	250	315	400	500	630	-	-
DC	-	-	-	-	-	290	390	490	590	690	790
Turns/stroke	24	26	32	39	47	58	72	89	105	122	139
Torque (Nm)	10	10	10	10	10	15	20	30	45	55	70
Weight (kg)	14	14	14	17	21	28	39	60	85	106	136

## Markings

The sluice gate is marked with DN and materials.

## Mounting

The wall for the sluice gate has to be even and perpendicular.

The wall has to be plane with a tolerance max. 5 mm. In the sealing area the wall surface must be smooth and non-porous.

## Maintenance

The sluice gate is maintenance free.

### Order Number

DN	Art. No
100	2011100
125	2011125
150	2011150
200	2011200
250	2011250
300	2011300
400	2011400
500	2011500
600	2011600
700	2011700
800	2011800