

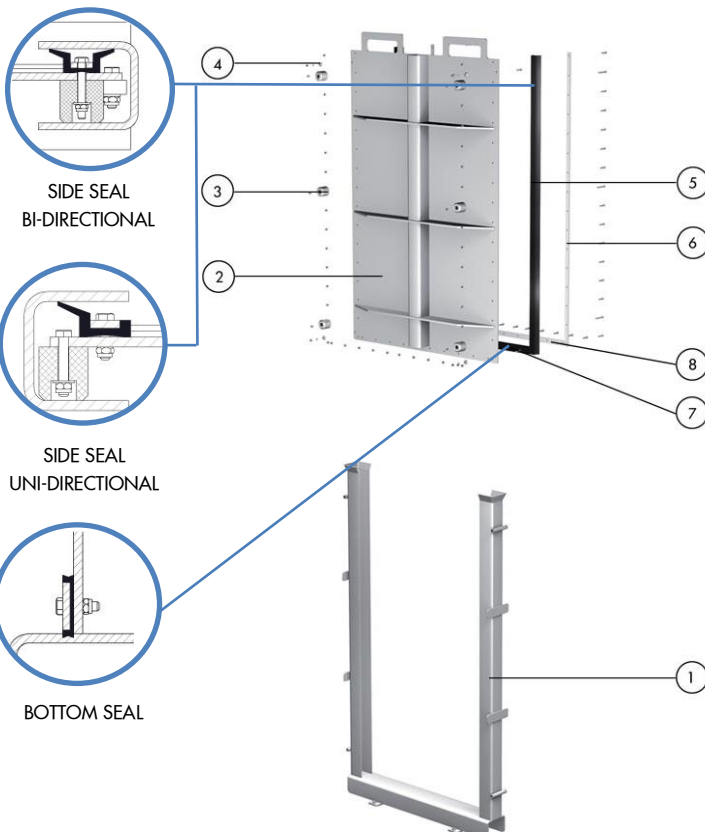
The AG stop gate is a hand or auxiliary lifting device operated three-side sealing penstock designed for open channel installations and suitable for different type of applications in the water and wastewater treatment plants, irrigation, dams and reservoirs, etc. They are typically used to isolate other equipment for maintenance, repairs or inspection.

Product description:

- Usually bi-directional, also available uni-directional
- Size range of 200x200 up to 3500x3500 (larger sizes on request)
- Seating and unseating head pressure of slide height
- Stainless steel fabricated construction.
Different stainless steel grades available
- Designed according to DIN 19569. In general accordance with AWWA C561 or BS 7775 also available

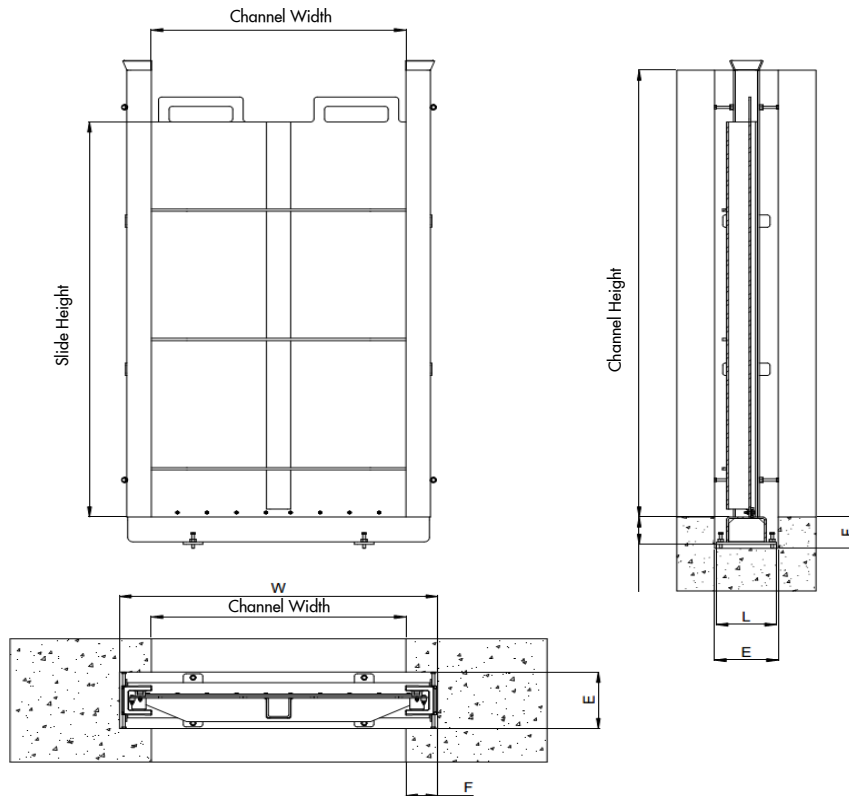
Features:

- Open-frame configurations
- HMWPE gate guides for low friction during operation, minimizing lifting force and maximizing seal life
- Self-adjusting lip type EPDM seal
- Mounting options: usually embedded in concrete, also face-mounted in existing channel and wall mounted at the end of the channel
- Flush bottom design
- Leakage rate as per DIN 19569-4 Class 2



STANDARD MATERIAL OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL (standard)
1	Frame	AISI 304L / AISI 316L
2	Slide	AISI 304L / AISI 316L
3	Guides	Polyethylene (HMWPE)
4	Gate Bearing	Polyethylene (HMWPE)
5	Seal	EPDM
6	Seal Retainer	AISI 304L / AISI 316L
7	Bottom Seal	EPDM
8	Bottom Seal Retainer	AISI 304L / AISI 316L



SIZE (mm) Channel Width	SIZE (mm) Channel Height	W	L	H1	E x F
150	150	321	80	30	120 x 100
200	200	371	80	30	120 x 100
300	300	471	80	30	120 x 100
400	400	571	80	30	120 x 100
500	500	671	80	30	120 x 100
600	600	776	90	45	120 x 100
700	700	876	90	45	120 x 100
800	800	976	90	45	120 x 100
900	900	1076	90	45	120 x 100
1000	1000	1176	90	45	120 x 100
1100	1100	1276	110	60	250 x 125
1200	1200	1376	110	60	250 x 125
1300	1300	1476	110	60	250 x 125
1400	1400	1576	110	60	250 x 125
1500	1500	1576	110	60	250 x 125
1600	1600	1814	215	90	250 x 125
1700	1700	1914	215	90	250 x 125
1800	1800	2014	215	90	250 x 125
1900	1900	2114	215	90	250 x 125
2000	2000	2214	215	90	250 x 125
2500	2500	2696	215	120	250 x 125
3000	3000	3196	215	120	300 x 150
3500	3500	3696	215	120	300 x 150

Above sizes and dimensions for bidirectional stop gates embedded in concrete

NOTE:

These dimensions are only for reference. Do not use for installation or submittal purposes.

For dimensions or mounting positions other than those indicated above, please contact ORBINOX