

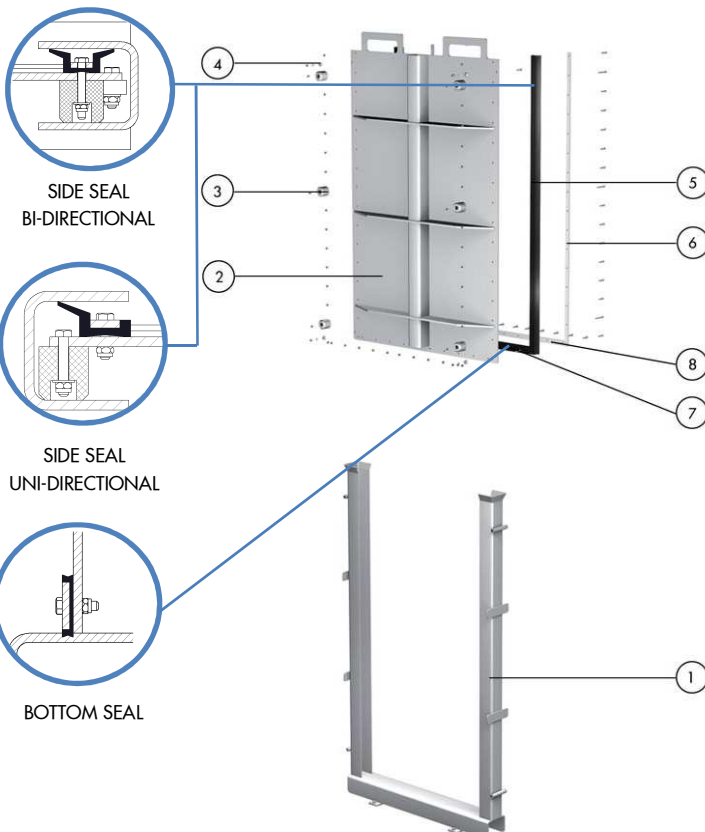
The AG stop gate is a hand or auxiliary lifting device operated three-side sealing penstock designed for open channel installations and suitable for different type of applications in the water and wastewater treatment plants, irrigation, dams and reservoirs, etc.

Product description:

- Usually bi-directional, also available uni-directional
- Size range of 200x200 up to 2000x2000 (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

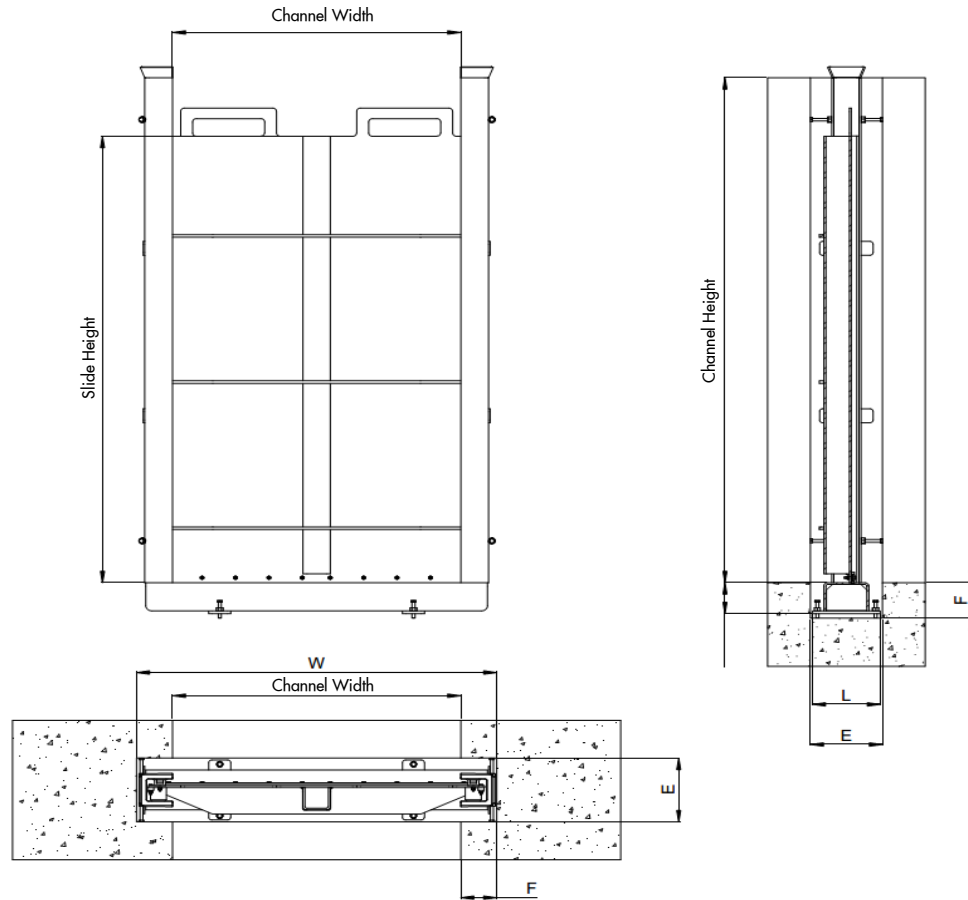
Features:

- 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

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