

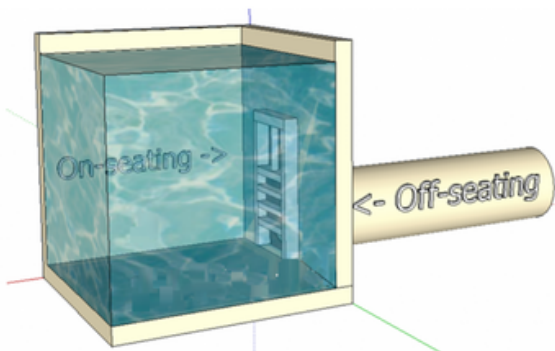
Penstock

ROwat HDPE and Stainless Steel 316 Penstocks are being used to regulate the inlet and outlet side of Fluid Streams in for example Sewage Systems, Waste Water Treatment Plants or Wetlands.

By using HDPE and AIS316 as our main product properties ROwat Penstocks are suitable to be installed in the most aggressive environments like Tropical Marine Inlets or Waste Water Treatment Plants.

In comparison with traditional used materials as Cast Iron and Steel our Penstocks are environmental friendly, durable and need low to zero maintenance while operating.

Our **RSA 5 MwC** Penstock is a compact **On/Off Seating** Penstock which can handle a waterpressure up to 5 MwC max. 72 hr & 1.25 MwC long term and is equipped with a HDPE sliding door with stainless steel reinforcement ribs.



Applications

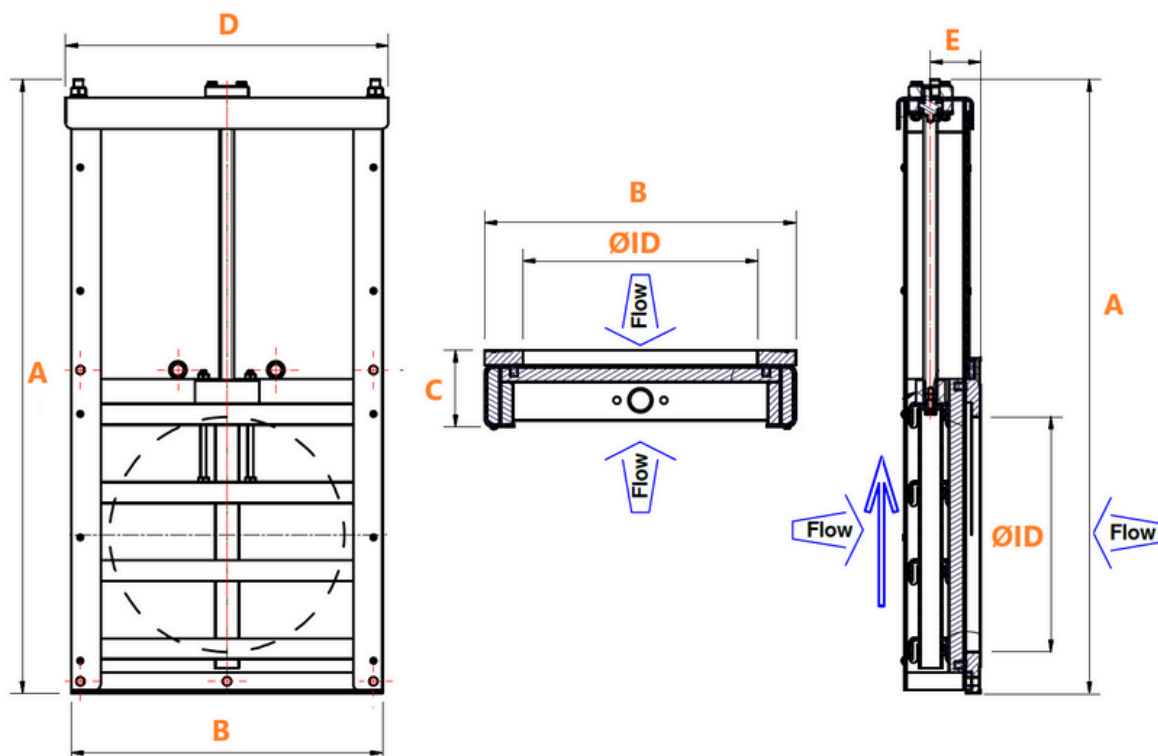
- ✓ Sewage Systems
- ✓ Waste Water Treatment Plants
- ✓ Wetlands
- ✓ Tropical Marine Inlets
- ✓ Precast Concrete Chambers
- ✓ Precast Concrete Headwalls

Advantages

- ✓ Light weight
- ✓ No coatings needed compared to cast iron or coated steel
- ✓ Fast installation and Easy handling
- ✓ Long service up to 50 years
- ✓ Constant working temperature: -30°C to 50°C



Measurements



* In mm

* Drawing may differ from actual product

Materials used:

HDPE, AISI316, POM, EPDM

Articlenr.	ØID	A	B	C	D	E	Operation Point	Weight in KG	Turns Open/Close	Nm
RSA50150	160	565	290	130	310	85	1/2 Moon	19	32	< 10
RSA50200	200	645	330	130	350	85	1/2 Moon	23	39	< 10
RSA50250	250	745	380	130	400	85	1/2 Moon	27	47	< 10
RSA50300	315	875	445	130	465	85	1/2 Moon	32	58	10-12
RSA50400	400	1045	530	130	550	85	1/2 Moon	42	72	12-18
RSA50500	500	1245	630	130	650	85	1/2 Moon	52	89	17-27

Compliant to leakage rate

✓ DIN 19569-4 Class 4

✓ BS 7775



Contact

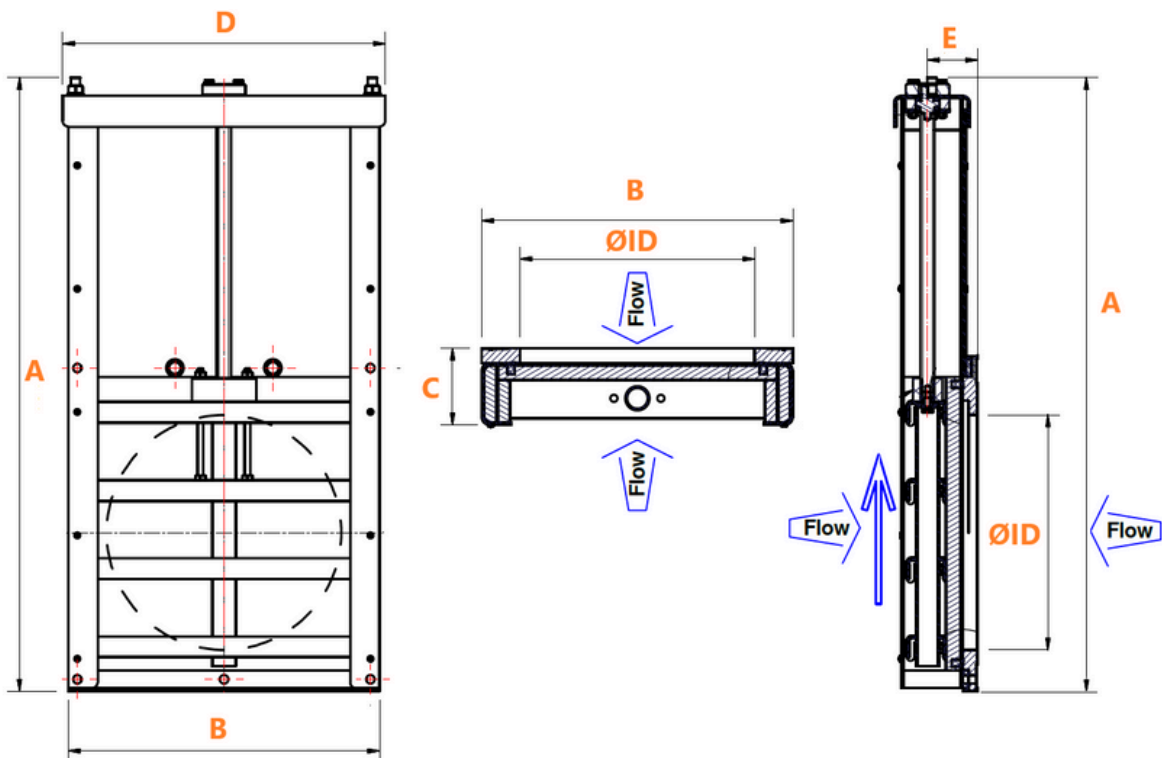
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The Netherlands

Measurements



* In mm
* Drawing may differentiate from actual product

Materials used:
HDPE, AISI316, POM, EPDM

Articlenr.	ØID	A	B	C	D	E	Operation Point	Weight in KG	Turns Open/Close	Nm
RSA50600	600	1445	730	130	750	85	1/2 Moon	65	105	24-38
RSA50700	700	1645	830	130	850	85	1/2 Moon	76	122	32-55
RSA50800	800	1845	930	130	950	85	1/2 Moon	91	139	42-70
RSA501000	1000	2385	1494	175	1350	100	1/2 Moon	232	173	60-63

Compliant to leakage rate

- ✓ DIN 19569-4 Class 4
- ✓ BS 7775



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