

Steel Penstock VZS-X



DESCRIPTION:

VZS-A penstocks are used wherever it is necessary to cut off the flow or accumulate water. Used for surface water, rainwater or sewage in sewage systems, canals and drainage ditches. Made of stainless steel for full resistance to weather conditions.

MATERIALS:

Frame, shut-off plate and spindle: Stainless steel, e.g. AISI 304/304L - 1.4301/1.4307, acid-resistant AISI 316/316L – 1.4401/1.4404 or any other depending on customer requirements and conditions at the mounting site

Gaskets: EPDM (or other material depending on working conditions, e.g. NBR, VITON or silicone).

TIGHTNESS:

The penstock is tight up to 4m of water column.

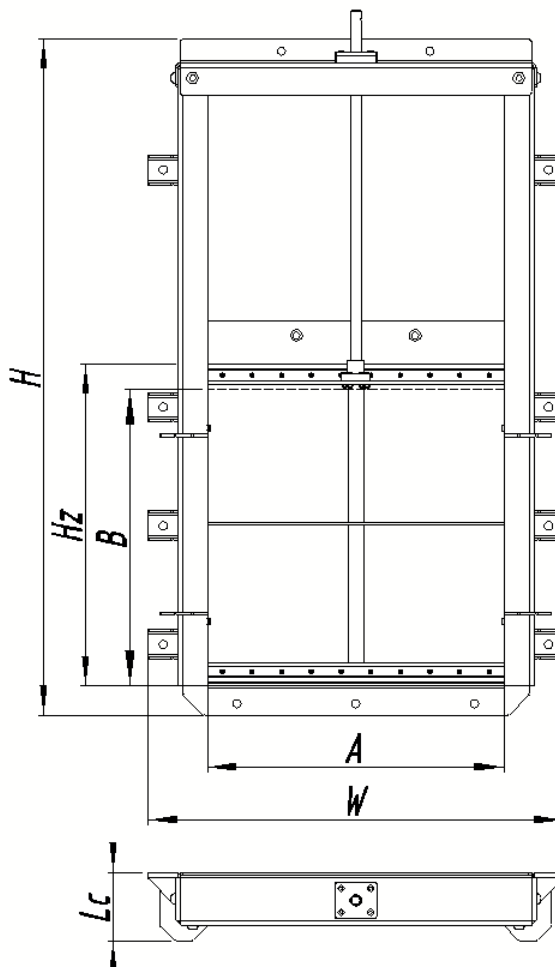
It is possible to make penstocks for higher water columns on request.

Sealing class: class C (0.03mm³/s x DN) acc. PN-EN 12266-1:2012 Tab. A.

MOUNTING:

On the wall using anchors. It is recommended to use adhesive anchors. Sealing between the penstock frame and the wall is provided by a porous EPDM gasket or SIKAFLEX type sealant.

STANDARD DIMENSIONS:



Type	Size AxB [mm]	Penstock Width W [mm]	Shut-off Plate Height Hz [mm]	Frame Height H [mm]	Penstock Thickness Lc [mm]
VZS-X 200	200x200	400	250	540	85
VZS-X 250	250x250	450	300	640	85
VZS-X 300	300x300	500	350	740	85
VZS-X 400	400x400	600	450	940	85
VZS-X 500	500x500	700	550	1140	115
VZS-X 600	600x600	800	650	1340	115
VZS-X 700	700x700	900	750	1540	115
VZS-X 800	800x800	1000	850	1740	115
VZS-X 900	900x900	1100	950	1940	115
VZS-X 1000	1000x1000	1200	1050	2140	125
VZS-X 1100	1100x1100	1300	1150	2340	125
VZS-X 1200	1200x1200	1400	1250	2540	125

*Other sizes available on individual request. It is possible to make penstock of any size.

** Vortico reserves the right to make changes to suit a specific order.