



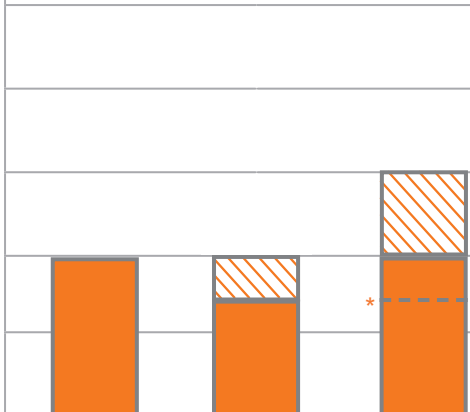
Product overview penstocks

Penstocks with sliding plate

Theoretically possible leakage rate

DIN EN 19569 (Wastewater standard)
1% of class 4 (front side)
5% of class 4 (back side)

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1% of class 5 (front side)
5% of class 4 (back side)



CP4 semicircular 150-600 CP4 semicircular 700-800 *CP4** 150-1200



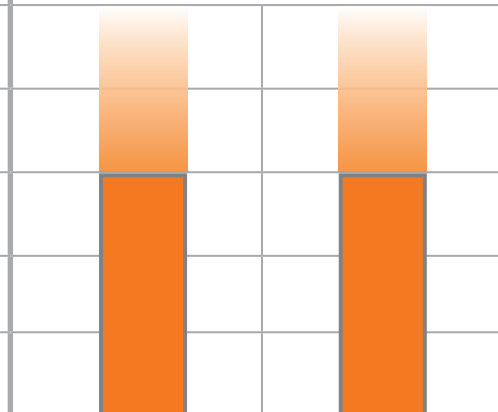
Sealing principle: Penstock plate guided by the seal carrier

Penstocks with wedges

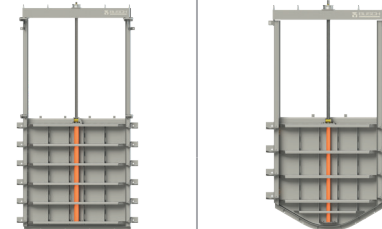
Theoretically possible leakage rate

DIN EN 19569 (Wastewater standard)
1% of class 5 (front side)
5% of class 4 (back side)
OPTIONAL: DIN EN 12266-2 (Drinking water standard)

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XL4** 150-4000 XL4 semicircular 150-4000



Sealing principle: Sealing on the penstock plate

SAFOX®



Sealing principle: Flexiring

Pressure on the front side

Pressure on the front and back side



The BÜSCH UNO procedure for EPDM and NBR. All BÜSCH angle joints are vulcanised, according to the requirements of the hydraulic steel construction standards. BÜSCH butt joints (SAFOX®) are butt-welded, which corresponds to a similar procedure in accordance with the standards for hydraulic steel construction.

All informations in mm. Penstocks also available on request for higher pressures.

*CP4 from 900 mm 3 mwc on the back side **also available as lowering type penstock