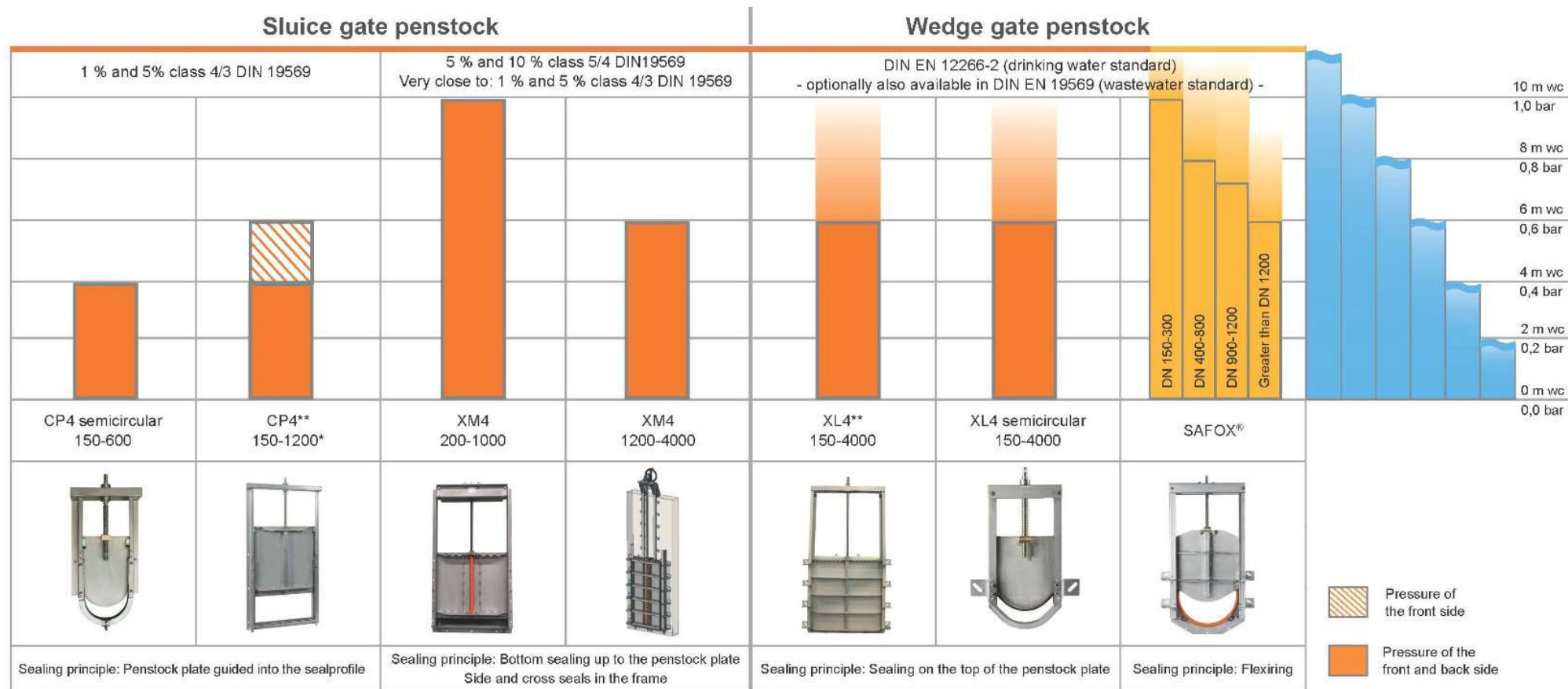


DURABLE, RELIABLE, SAFE

Overview tightness requirements



Pressure of the front side
 Pressure of 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 m wc on the back side ** also available as lowering type penstock

DURABLE, RELIABLE, SAFE

Comparison of leakage rates



Nominal size	What allows the norm? DIN 19569, part 4	What allows CP/XL? 1%(F) or 5%(R) of DIN 19569, part 4	What allows SAFOX®? DIN 12266
DN 300	17  170 l/h (F) 340 l/h (R)	0,2  1,7 l/h (F) 17 l/h (R)	1  0,03 l/h
DN 600	34  340 l/h (F) 679 l/h (R)	0,3  3,4 l/h (F) 34 l/h (R)	2  0,06 l/h
DN 1200	68  679 l/h (F) 1357 l/h (R)	0,7  6,8 l/h (F) 67,9 l/h (R)	4  0,13 l/h
DN 2000	113  1244 l/h (F) 2488 l/h (R)	1,2  12,4 l/h (F) 124 l/h (R)	7  0,22 l/h
DN 2500	141  1413 l/h (F) 2828 l/h (R)	1,5  14,4 l/h (F) 141 l/h (R)	9  0,27 l/h