

Penstock selection form

Customer: _____

Address: _____

Project: _____

No. of armatures: _____

Tightness according to DIN 19569-4 class 4

Tightness according to BS 7775

Tightness according to AWWA 561-12

Tightness according to EN 12266 class C

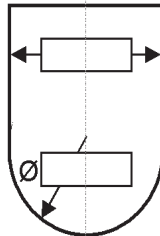
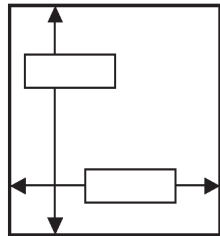
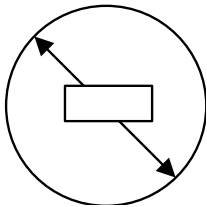
Other _____

1. Size and design of orifice

round

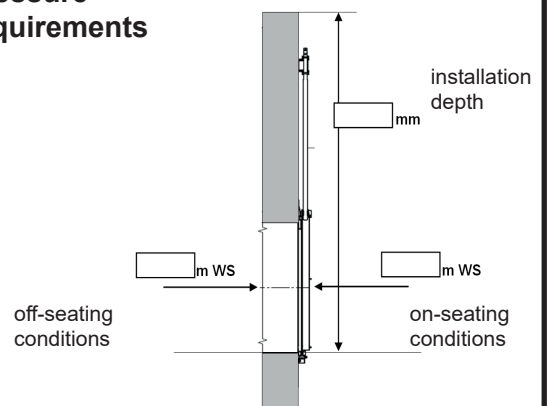
rectangular

semicircle



Please give all dimensions in mm

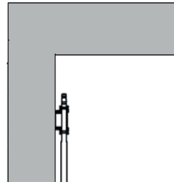
2. Pressure requirements



3. Installation conditions



open basin



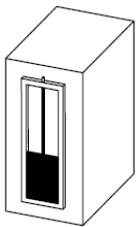
closed chamber

mounting to the pit wall

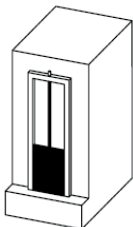
mounting in a round chamber

chamber DN _____

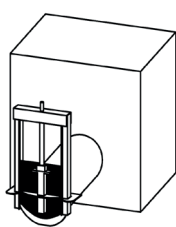
4. Installation



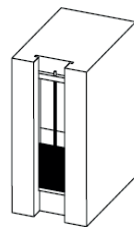
doweled lateral & on the bottom



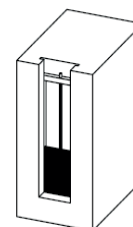
doweled lateral & bottom in concrete



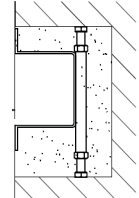
mounting to a flange connection



lateral in concrete, doweled in the bottom

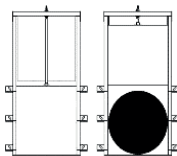


lateral and bottom in concrete

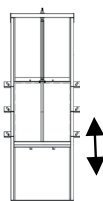


For lateral concrete assembly aids necessary

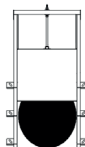
5. Function



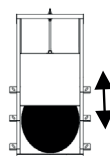
open-close



lowering/weir - type

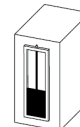


throttling

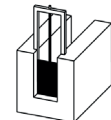


regulation

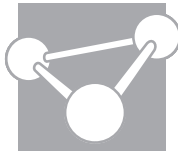
6. Sealing performance



4-side sealing



3-side sealing



7. Materials




Penstock:

- Stainless steel 1.4301
- Stainless steel 1.4571
- Other _____

Sealing:

- EPDM
- NBR
- Other _____

8. Operating mode

- manual:
 - stem square cap, square: _____ mm 
 - hand wheel 
 - rack-and-pinion drive 

- electrical:
 - available voltage: _____ no of phases: _____
 - maximum available power: _____ kW

- pneumatic: available operating pressure _____ bar

- hydraulic: available operating pressure _____ bar

9. Conditions of use






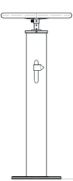
- Main flow direction:
 - on the front side of the plate
 - on the back side of the plate
- Activity frequency _____ x / week / day / month (not applicable please cross out)
 - suitability for drinking water

10. Actuating

- over ground
- under floor
- directly mounted on penstock
- perpendicular to the penstock
- perpendicular to the penstock
- offset: _____ mm



11. Spindle

- compact-design
 - modular design
 - spindle out of the medium
 - rising
 - non-rising
 - position indicator
 - headstock with integrated position indicator
 - SENTINEL position indicator
- 





- non-rising spindle rising spindle SENTINEL position indicator Headstock with position indicator

Remarks:

Phone/E-Mail for an inquiry call: