

Quality

- ISO 9001 Certificated Company
- CRCC Petrobras Certification and Qualification of Company and Products
- ONIP Certification

Main Features

- Function: On / Off and Control
- Construction: AWWA C561 / DIN 19569-4 / NBR8883 / FKB Standard
- Size: 4" (100 mm) to 200" (5000 mm) (*)
- Flow: Unidirectional
- Fixation: Direct on concrete or open channel
- Light and Compact penstock
- Sealing: 3 sides
- Interchangeable panels;
- Lifting by Fishing Beam, Handlog and / or Handles for hoist system;
- 100% watertightness above the standards

General Application

- Water and sewage treatment plants, dams, irrigation and etc.
- Suitable for working with liquids.

Pressure

According to customer needs.

Maximum Temperature

EPDM (°C)	UHMW (°C)
-10 a 110	-269 a 90

Internal Test and Inspection (FKB Factory)

- **Hydrostatic:** AWWA C561 / DIN 19569-4
- **Performance:** 1 (one) Complete Cycle (Open and Close)
- **Painting:** NBR 14847
- **Visual:** NBR 15185
- **Dimensional:** Approved Drawing

Type Drives

- Lifting Handle
- Others on request

Material Table

Pos.	Description	Material
1	Side and Bottom Guides	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
2	Penstock	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
2.1	By Pass (if applicable)	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
3	Guide	UHMW / PTFE (*)
4	Side Sealing	EPDM (*)
5	Bottom Sealing	EPDM (*)
6	Bolts and Nuts	AISI 304 / AISI 316
7	Lifting Beam Structure	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
8	Beam Hook	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
9	Beam Lateral Guide	UHMW (*)
10	Pendulum	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)

(*) other options on request

