

Quality

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

Main Features

- Function: On /Off
- Construction: AWWA C561 and DIN 19569-4
- Size: 20" (500 mm) to 200" (5000 mm) (*)
- Flow: Unidirectional
- Designed and dimensioned for high hydrostatic / high pressure loads
- Fixation: Direct on concrete or open channel
- Passage: Square / Rectangular
- Sealing: 4 sides
- 100% watertightness above the standards

General Application

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

Pressure

According to customer needs.

Maximum Temperature

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

Internal Test and Inspection

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

Types of Drives

- Hydraulic actuator
- Electric Actuator
- Lifting loop

Types of Lifts

- Fishing Beam
- Hooks with Hoist System

Material Table

Pos.	Description	Material
1	Slide Rail	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 (Pulleys)	UHMW (*)
4	Extension Stem	ASTM A276 TP 304 / ASTM A276 TP 316 (*)
5	Drive Stem	ASTM A276 TP 410
6	Bolts	Chemical / Mechanical
7	Table	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
8	Sealing	EPDM (*)
9	Protection Tube	Transparent tube for stem protection
10	Drives	Automatic / Fishing Beam

