

### 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 and DIN 19569-4
- Size: 6" (150mm) to 80" (2000mm) (\*)
- Flow: Bidirectional
- Fixation: Flange / Flange or Tube prepared to receive butt weld (type BW)
- 100% watertightness above the standards
- Compact and lightweight design, plus easy installation
- Facial thirst through wedges

### General Application

- Developed for horizontal discharge reservoirs, small dams, mixing chambers, etc
- Liquids in general, masses and similar

### Pressure

According to customer needs.

### Maximum Temperature

EPDM (°C)	VITON (°C)
-10 to 110	-30 to 200

### 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

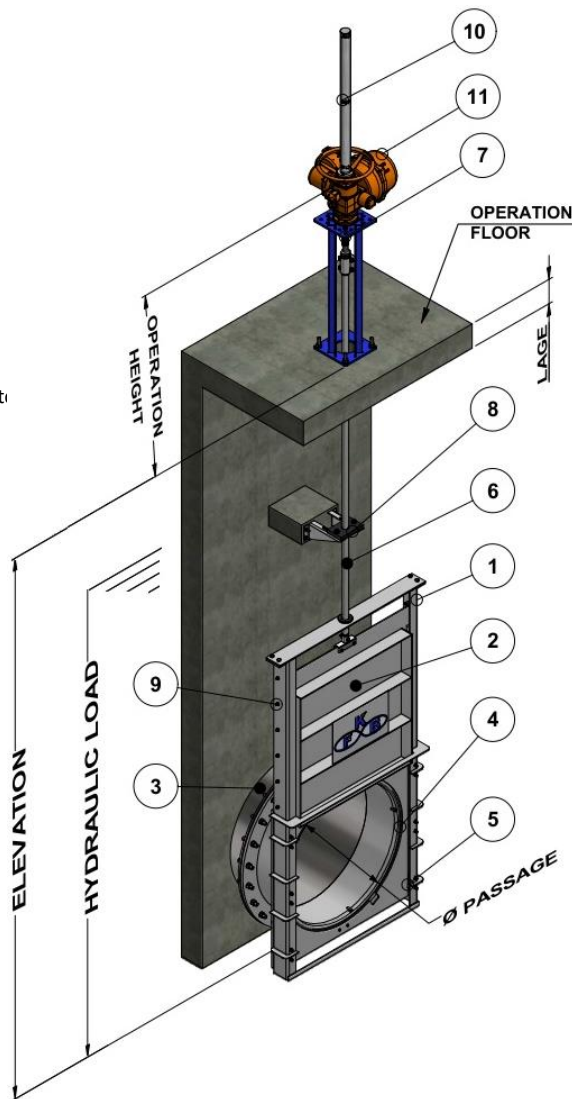
### Flange / Connection

- FKB Standard / Customer
- ANSI B16.5 – 150lbs
- DIN PN10
- Others on request

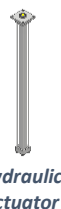
### Material Table

Pos.	Description	Material
1	Structural Frame	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
3	Extension Tube	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating
4	Sealing ring	EPDM / VITON (*)
5	Sealing Wedge	ASTM A240 TP 304 / ASTM A240 TP 316 / Latão (*)
6	Extension Stem	ASTM A276 TP 304 / ASTM A276 TP 316 (*)
7	Drive Stem	ASTM A276 TP 410
8	Intermediate Bearing	AISI 304 or 316
9	Bolts and Nuts	AISI 304 or 316
10	Protection Tube	Transparent tube for stem protection
11	Drive	Manual / Automatic

(\*) other options on request



### Types of Drives



### Optional Accessories:

- \* Solenoid Valve
- \* Limit-switch
- \* Lubrifiil Kit
- \* Others