

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: Direct to Concrete
- Passage: Full Square / Rectangular
- Tightness 100% above the standards
- Lightweight and compact design, plus easy installation
- Facial thirst through wedges

General Application

- Developed for the chemical industry, power plants, industrial and municipal wastewater treatment plants, etc.
- Liquids in general, pasta, and the like

Maximum Temperature

- According to customer's needs

Maximum Temperature

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

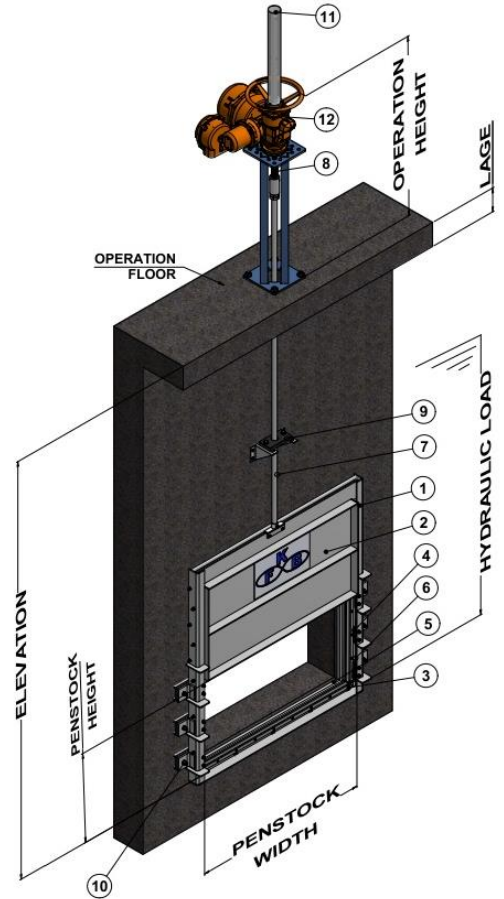
Internal Inspection and Testing (FKB Factory)

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

Material Table

Pos.	Description	Material
1	Structural Framework	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	Sealing	EPDM / VITON (*)
4	Sealing Wedge	ASTM A240 TP 304 / ASTM A240 TP 316 / Brass (*)
5	Settle Sealing	EPDM (*)
6	Guide	UHMW (*)
7	Extension Stem	ASTM A276 TP 304 / ASTM A276 TP 316 (*)
8	Drive Stem	ASTM A276 TP 410
9	Intermediate Bearing	AISI 304 or 316
10	Bolts	Chemical / Mechanical
11	Protection Tube	Transparent tube for stem protection
12	Drives	Manual / Automatic

(*) other options on request



Types of Drives



Manual Steering Wheel



Gear Reducer



Pneumatic Actuator



Hydraulic Actuator



Electric Actuator

Optional Accessories:

- * Solenoid Valve
- * Limit-switch
- * Lubrifil Kit
- * Others