

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 DN 19569-4
- Size: 6" (150 mm) to 80" (2000 mm) (*)
- Flow: Bidirectional
- Fixation: Direct to Concrete or Open Channel
- Gate opening: Descending direction
- Light and Compact Gate
- Precise control of fluid flow
- Design: Square or Rectangular
- Tightness 100% higher than the norm.
- Versatile: According to customer's needs

General Application

- Water and sewage treatment stations, dams, dams, hydroelectric power plant, etc.
- Suitable for working with liquids in general.

Pressure

According to customer's needs

Maximum Temperature

EPDM (°C)	UHMW (°C)	PTFE (°C)
-10 to 110	-269 to 90	-20 to 180

Internal Test and Inspection

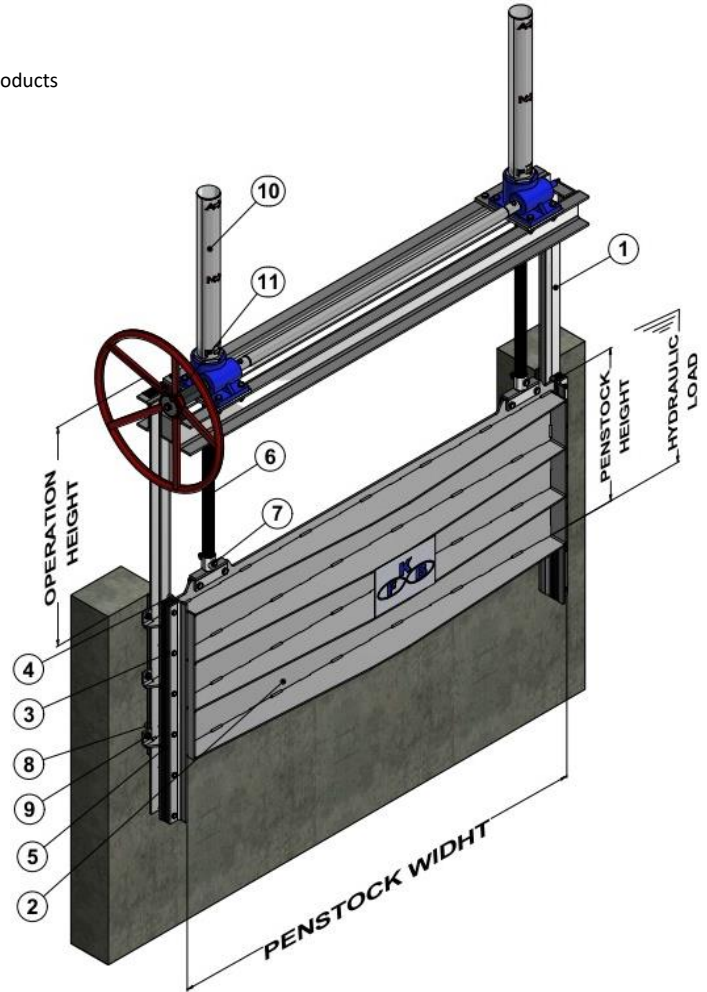
Hydrostatic: AWWA C561 / DIN 19569-4

Performance: 1 (one) Complete Cycle (Open and Close)

Painting: NBR 14847

Visual: NBR 15185

Dimensional: Approved Drawing



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	Guide / Side Sealing	UHMW/ PTFE (*)
4	Compression Cord	EPDM (*)
5	Bottom Sealing	UHMW/ PTFE (*)
6	Drive Stem	ASTM A276 TP 410 (*)
7	Fork	AISI 304 / AISI 316
8	Wall Sealing / Settlement	EPDM (*)
9	Bolts	Chemical / Mechanical
10	Protection Tube	Transparent tube for stem protection
11	Drive	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
- * Lubrifi Kit
- Complete extension (shaft, sleeve, bearing and prisoners)
- * Others