

CIRCULAR FLAP PENSTOCKS VALVE VCO41 (Rev. 04/2023)

Quality

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

Main Features

- Function: Automatic (On Downstream Flow / Off Upstream Flow)
- Construction: AWWA C561 and DIN 19569-4
- Size: 6" (150 mm) to 80" (2000 mm) (*)
- Flow: Unidirectional
- Passage: Circular Plena
- Fixation: flange or direct to concrete
- Tightness 100% above the standards
- Lightweight and Compact Design
- Blocks fluid from returning to the tubing or openings
- Self-lubricating system on hinges
- Double articulated arm that ensures optimal seating in the performance the seal, for dimensional above 24"(600mm)
- The VCO-41 models are designed with an angle, which together with t weight factor, guarantees complete closure even when there is no pressu in the upstream flow

General Application

- Water and sewage treatment plants, dams, irrigation systen hydroelectric, petrochemical plants and etc.
- Suitable for working with liquids in general and similar

Pressure

Determined according to the customer's 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

Tightness

- AWWA C561
- DIN 19569-4

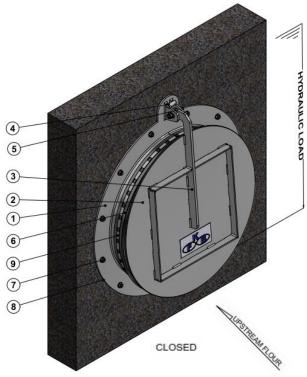
Flange / Connection

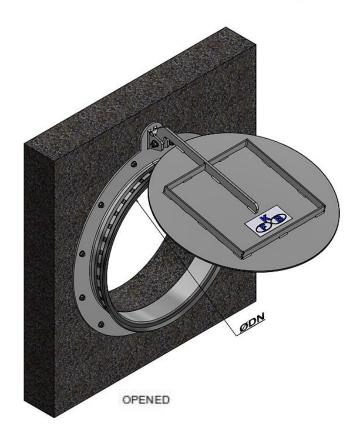
- ANSI B16.5 150 lbs
- Others on request
- NBR 7675 PN10/ DIN PN10 Others on request

Material Table

Pos.	Description	Material
1	Structural Framework	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
2	Lid (Flap)	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
3	Articulated Arm	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
4	Hinge	ASTM A240 TP 304 / ASTM A240 TP 316 / ASTM A36 with coating (*)
5	Hinge Bushing	UHMW (*)
6	Cover Seal	EPDM (*)
7	Anchor	Chemical or Mechanical
8	Seat Sealing	EPDM
9	Clamp	ASTM A240 TP 304 / ASTM A240 TP 316

(*) other options on request





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