RE SERIES

UNIDIRECTIONAL OR BIDIRECTIONAL OVERFLOW PENSTOCK

DESCRIPTION

- Penstock for clean liquids or loaded with solids.
- Square or rectangular penstock design.
- Option of unidirectional or bidirectional.
- Various construction materials and seals available.
- Designed generally to be installed supported on walls with chemical or expansion anchors.

GENERAL APPLICATIONS

This overflow penstock is designed for installation in orifices in walls or at the end of channels. This gate has a 3-side seal: (base and sides). It is designed to regulate the level of fluid. It is suitable to work with clean liquids or loaded with solids.

Designed for applications such as:
- Irrigation.
- Conduits.
- Channels.
- All kinds of water treatment.

SIZES

From 150 x 150 to 3000 x 3000.
Check for the general dimensions of a specific penstock with. **CMO Valves**.

Other DNs on request.

WORKING PRESSURE (∆P)

Maximum working pressure is the height of the gate. These penstocks have 3-side seals. The fluid flows over the gate-knife.

BUILDING WORK:

The standard RE overflow gates frp, **CMO Valves** are designed to be secured to the wall through chemical or expansion anchors. The boreholes necessary for attachment are made when assembling, using the body of the penstock as a guide.

TIGHTNESS

The tightness of the **RE** overflow penstocks complies with that set out in regulation DIN 19569, class 5 leaks.

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RESILIENT SEALS

- EPDM.
- NITRILE.
- SILICONE.
- NATURAL RUBBER.

In some applications other types of rubber are used, such as: hypatlon, butyl... Please contact in case you have such a requirement.

DIRECTIVES

See document of directives applicable to CMO Valves.

*For further information on categories and zones please contact **CMO Valves**. Technical-Commercial Department.*

QUALITY DOSSIER

- The tightness of the seat area is measured with gauges.
- Material and testing certificates can be supplied on request.

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