

GI SERIES

HINGED GATE LOWER ROTATING SHAFT

DESCRIPTION

- Gate which turns on a horizontal shaft located at the bottom of the channel. Board design with side wheels, to guide the stop-board throughout its run in large scale widths
- Option of 3 or 4 side sealing. Design of rectangular or square penstock.
- Various sealing materials available.
- For installation embedded in concrete or mounted 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. The orifice can be rectangular, round or square; this penstock has a 3-sided 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 500 x 500 to 3000 x 3000.

To ascertain the general dimensions of hinged penstock GI consult CMO Valves.

Other DNs on request.

WORKING PRESSURE (ΔP)

Maximum working pressure adapts to the needs of the customer in every project. These penstocks are designed to comply with working conditions in the place of installation.

BUILDING WORK:

The assembly system is supported on concrete and secured with expansion anchors. In this case it is essential that both the base and the walls are completely smooth. The walls where the penstock is to be installed must be level and the base completely horizontal. Another assembly system is embedded in the concrete.

RESILIENT SEALS

The tightness of **GI** descending gates complies with that set out in regulation DIN 19569, class 5 of leaks.

DIRECTIVES

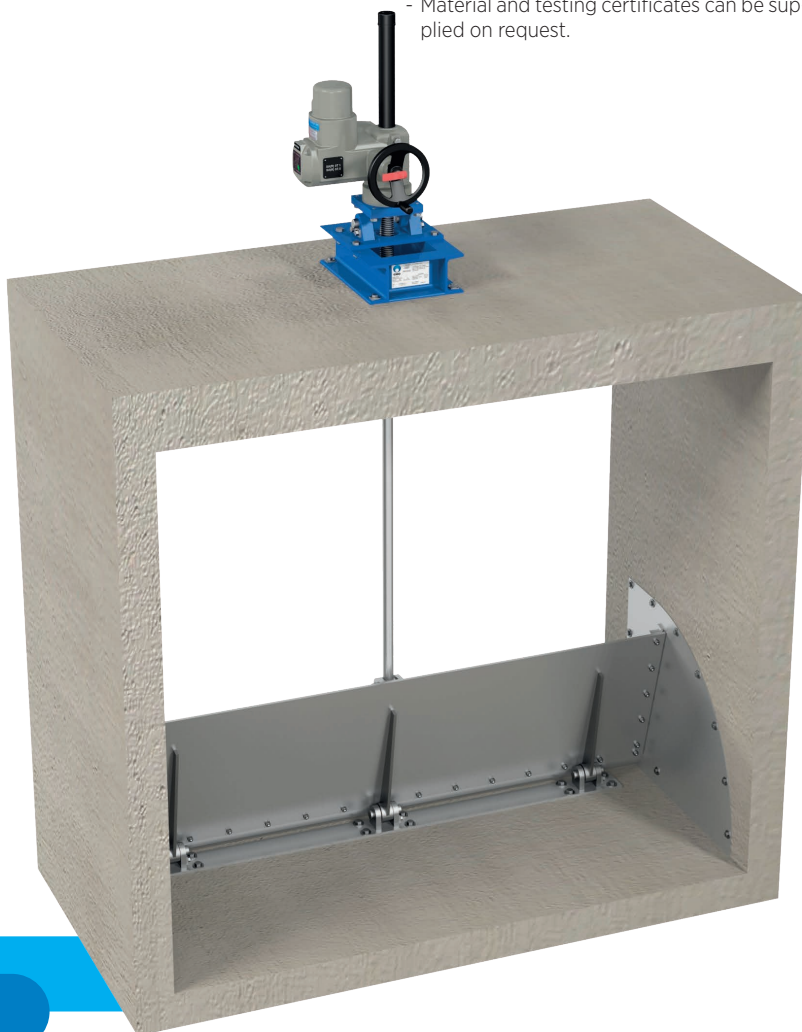
See document of directives applicable to **CMO Valves**.



*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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