

VI SERIES

BIDIRECTIONAL FLANGED REDUCED BORE VALVE

DESCRIPTION

- Unidirectional flanged reduced bore valve.
- Cast iron body, consisting of two bolted parts.
- Precision control valve.
- Various packing materials available.
- Metal/metal seal.
- For moderate pressures, the valve is BIDIRECTIONAL.
- Face-to-face distance in accordance with **CMO Valves** standard.

GENERAL APPLICATIONS

This reduced bore valve is suitable for regulating flow rates in piping with clean liquids or liquids that have a maximum suspended solids concentration of 8%.

Designed for applications such as:

- Paper industry
- Wastewater treatment plants
- Chemical plants
- Food industry
- Mining
- Pumping

SIZES

From DN80 to DN300.

Otros DN bajo consulta.

WORKING PRESSURE (ΔP)

DN50-DN125	10 bar
DN150	8 bar
DN200	7 bar
DN250-DN300	5 bar

Other pressures on request.

SEALTIGHT INTEGRITY

Metal-to-metal seat, without any kind of resilient seal; the estimated leakage (considering water as the test fluid) is 1.5% of the pipeline flow.

FLANGE DRILLING

- EN 1092 PN10.
- ASME B16.5 (class 150).

OTHERS COMMONLY USED

- PN6.
- PN16.
- PN25.
- BS "D" and "E".
- JIS10K.

Others on request.

QUALITY DOSSIER

All valves are tested hydrostatically at **CMO Valves** according to our manufacturing and quality protocols, material and test certificates can be provided.

- Body test = working pressure x 1.5.
- Closing pressure: the seal is metal/metal, not watertight.

DIRECTIVES

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



*For further information about categories and zones for Ex (ATEX) applications, please contact **CMO Valves** Technical-Sales department.*



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