

VD SERIES

BIDIRECTIONAL MULTISECTOR DAMPER DIAPHRAGM VALVE

DESCRIPTION

- Bidirectional design multi sector damper diaphragm valve **VD**.
- Designed for pneumatic transport of air or gases at different temperatures.
- Manufactured using **CMO Valves** standards for drilled flanges.
- Tightness between 98% and 99%.
- Face-to-face distance in accordance with **CMO Valves** standard.

FUNCTIONALITY

The diaphragm valve operating system consists of a series of interposed blades, which at one end have a fixed point that facilitates rotation and at the other have a sliding type socket that enables circular movement combined with displacement concentric, enabling the opening/closing effect, similar to that of a photographic optic, in such a way that the flow always circulates through the centre of the conduit.

GENERAL APPLICATIONS

These multi sector damper diaphragm valves are suitable to work with a wide range of air and gases. They are particularly suitable for controlling the flow of gas in pipelines.

Used mainly in:

- Co generation plants.
- Thermal power stations.
- Electrical power stations.
- Chemical plants.
- Energy sector.

SIZES

From DN100 to DN600.

To ascertain the general dimensions of multi sector damper diaphragm valves consult **CMO Valves**.

Other DN's on request.

WORKING PRESSURE (ΔP)

The standard maximum working pressure is <0.25 bar and temperature is 200°C.

Other pressures and temperatures on request.

TIGHTNESS

The standard tightness for these valves from **CMO Valves**, ranges between 98% and 99%.

FLANGES

These valves are attached to the pipeline by screwing in the drilled flanges with which the equipment is manufactured. The connection of the flanges and the inter-faces thereof is according to **CMO Valves**, standard, however, on request, other options can also be built adapting to the needs of the customer.

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.
- All valves are tested and material and test certificates can be supplied on request.



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