

SD SERIES

UNIDIRECTIONAL DAMPER

DESCRIPTION

- Quick closing flanged unidirectional valve with oscillating disc. With a cast or mechanically welded body and obturator in different materials.
- Possibility of multiple options for closures:
 - Various elastomers.
 - Hardened closures.
- Usually it has a pneumatic actuator by means of a rotary lever to obtain the quick closing movement.
- An arrow is marked on the body indicating the flow direction.
- Face-to-face distance in accordance with **CMO Valves** standards.

GENERAL APPLICATIONS

Valve specially designed for the pneumatic transport of highly abrasive dry fluids such as fly ash due to its advantageous continuous flow.

Designed for applications such as:

- Cement plants.
- Steel plants.
- Chemical plants.
- Energy sector.

SIZES

From DN80 to DN600.

Other DN's on request.

WORKING PRESSURE (ΔP)

The standard maximum working pressure is 8 bar in the closing direction and 1 bar for the opposite part.

Other pressures on request.

TIGHTNESS

The standard sealing percentage of **CMO Valves** ranges from 98.5% and 99.5% for the metal/metal closure version and a 100% seal with the rubberised seal.

FLANGES

- EN1092 PN10.
- ASME B16.5 (CLASS 150).

Others on request.

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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