

# CM SERIES

## MULTIPLE FIXED CONE VALVE “MULTIJET”

### DESCRIPTION

One-way valve for fine regulation of fluid flows throughout its stroke. This valve consists of two circular plates, one fixed and the other mobile, coincidentally perforated and installed parallel perpendicular to the flow that allow the passage of the fluid, varying its opening proportionally with provide an excellent cavitation coefficient.

The regulation is based on the closing of the flow through the displacement of multiple orifices that generate jets that are uniformly distributed throughout the interior of the pipe.

Various construction materials and seals available.

Width across flats **CMO Valves**.

This valve has an arrow on the body indicating the flow direction.

### GENERAL APPLICATIONS

This valve is used especially as a flow regulation organ in dams and reservoirs.

Designed for applications such as:

- Water treatment.
- Hydroelectric power stations.
- Urban supply.
- Irrigation systems.

### SIZES

DN200 to DN3000.

*Other DN's on request.*

### ACTUATORS

Generally these valves are actuated by means of an electric regulation and modulation motor with a 4-20mA signal connected to control centres to be able to regulate the percentage of valve opening/closing.

*Other actuators 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 standard sealing percentage of **CMO Valves** ranges from 97% for the metal/metal closure version and a 100% seal with the rubberised seal.

All valves are hydrostatically tested in accordance with **All valves are tested hydrostatically at CMO Valves and material and test certificates can be provided.** and material and test certificates can be supplied on request.

- Body test = working pressure x 1.5.
- Seal test = working pressure x 1.1.

