

ME SERIES

DOUBLE ECCENTRIC BUTTERFLY VALVE

DESCRIPTION

- Unidirectional butterfly valve with double eccentricity.
- Various construction materials and seals available.

Two options for width between faces:

- **Short series:** according to EN558 SERIES 13.
- **Long series:** according to EN558 SERIES 14.

It has an arrow on the body indicating the flow direction.

The main characteristic of the **ME** butterfly valve is the double eccentric design. The rotation shaft is offset from the central plane of the clapper and in turn is also offset from the central plane of the valve body thus obtaining double eccentricity.

A highly effective sealing system is achieved thanks to this dual eccentricity. As soon as the valve starts to open, the elastomer seal is no longer pressed and does not come into contact with the body.

GENERAL APPLICATIONS

The butterfly valve is suitable for working in line and as a safety valve in emergency cases. It is widely used in pressure pipes in hydroelectric plants.

SIZES

From DN200 to DN3000.

Other DN's on request.

WORKING PRESSURE (ΔP)

The differential pressure (ΔP) these valves can work at is very variable; they are designed for the specific needs of each project, but can be designed to withstand pressures of up to 100 bar.

Fluid speed

The maximum fluid speed these valves can work at is 4.9 m/s (in accordance with standard AWWA C 504).

DIRECTIVES

See document of directives applicable to CMO Valves.

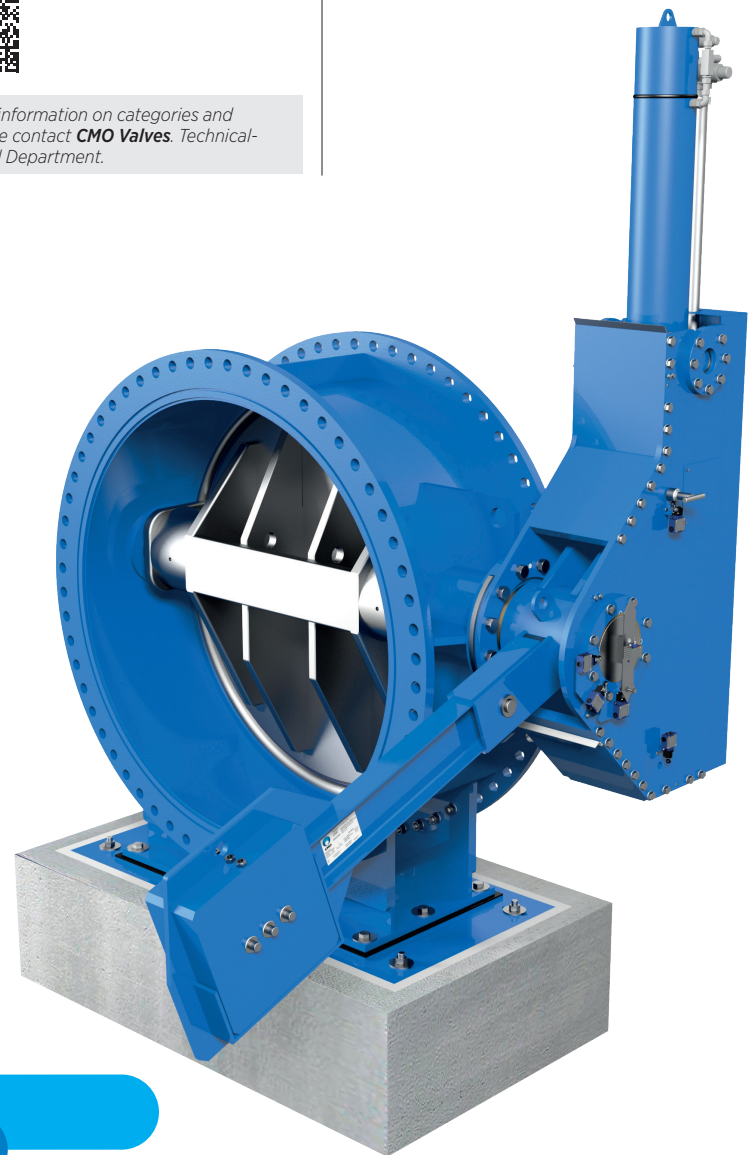


*For further information on categories and zones please contact **CMO Valves**. Technical-Commercial Department.*

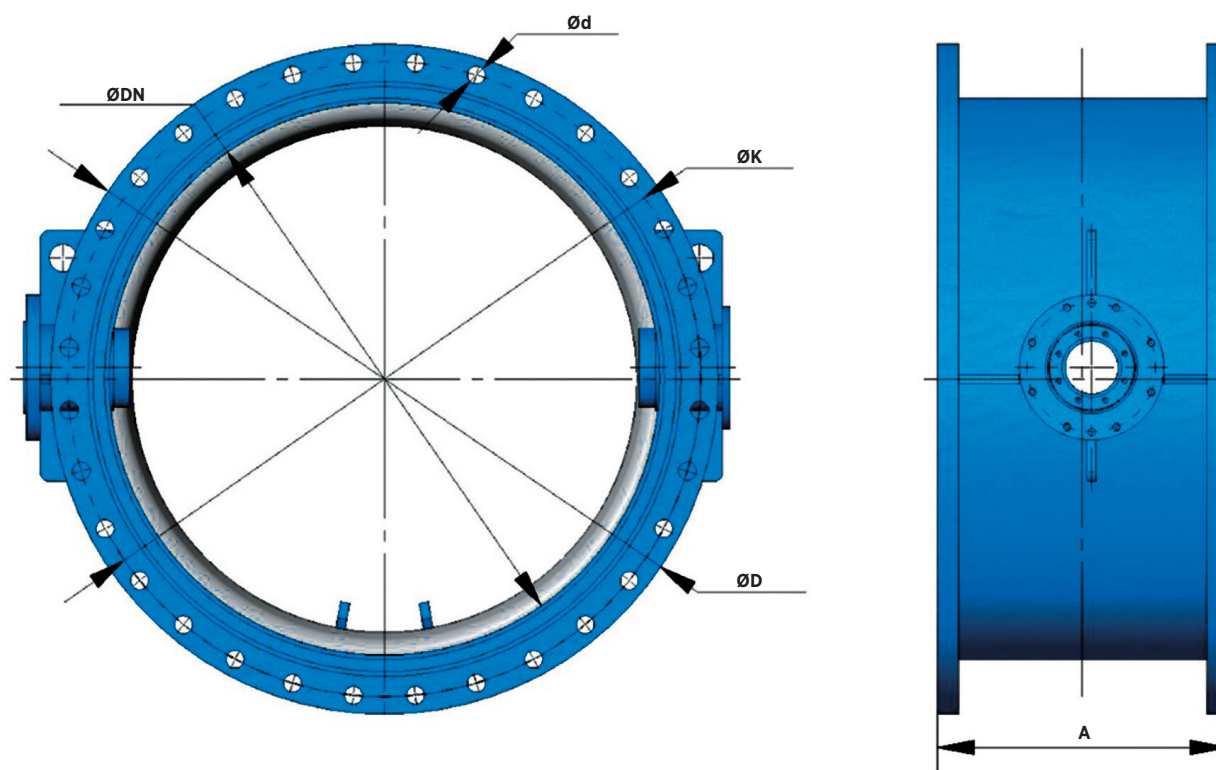
QUALITY DOSSIER

All valves are tested hydrostatically at **CMO Valves** and material and test certificates can be provided.

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



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INFORMATION AND DIMENSIONS OF FLANGES AND BETWEEN FACES

DIMENSIONS - ME

| DN | FLANGE DRILLING in accordance with EN 1092-2 PN10 | | | | | |
|------|---|------|------|----|------|------|
| | A1 | A2 | Qty. | Ød | ØD | ØK |
| 200 | 152 | 230 | 8 | 22 | 340 | 295 |
| 250 | 165 | 250 | 12 | 22 | 395 | 350 |
| 300 | 178 | 270 | 12 | 22 | 445 | 400 |
| 350 | 190 | 290 | 16 | 22 | 505 | 460 |
| 400 | 216 | 310 | 16 | 26 | 565 | 515 |
| 500 | 229 | 350 | 20 | 26 | 670 | 620 |
| 600 | 267 | 390 | 20 | 30 | 780 | 725 |
| 700 | 292 | 430 | 24 | 30 | 895 | 840 |
| 800 | 318 | 470 | 24 | 33 | 1015 | 950 |
| 900 | 330 | 510 | 28 | 33 | 1115 | 1050 |
| 1000 | 410 | 550 | 28 | 36 | 1230 | 1160 |
| 1200 | 470 | 630 | 32 | 39 | 1455 | 1380 |
| 1400 | 530 | 710 | 36 | 42 | 1675 | 1590 |
| 1600 | 600 | 790 | 40 | 48 | 1915 | 1820 |
| 1800 | 670 | 870 | 44 | 48 | 2115 | 2020 |
| 2000 | 760 | 950 | 48 | 48 | 2325 | 2230 |
| 2200 | - | 1030 | 52 | 56 | 2550 | 2440 |
| 2400 | - | 1110 | 56 | 56 | 2760 | 2650 |
| 2600 | - | 1190 | 60 | 56 | 2960 | 2850 |
| 2800 | - | 1270 | 64 | 56 | 3180 | 3070 |
| 3000 | - | 1350 | 68 | 62 | 3405 | 3290 |

CMO'S butterfly Valves **ME** have two distances between faces (Dimensions "A1" and "A2" fig. 28) long and short series.

Flange drilling varies depending on customer needs, but is commonly carried out in accordance with standard EN 1092-2 PN10.

www.cmovalves.com/valves



Visit our website to see the full features of the TD Series.