

UB SERIES

BIDIRECTIONAL WAFER STYLE KNIFE GATE VALVE

DESCRIPTION

- Die-cast body, comprising two bolted parts, with internal guides for smooth movement of the gate during operation.
- Provides high flow rates with low pressure drop.
- Wide range of manufacturing materials, seals and stuffing materials available.
- Stainless steel gate.
- Face-to-face distance according to UNE-EN 558 for **Basic 20 series**. Other series according to **CMO Valves** standard.

GENERAL APPLICATIONS

This knife gate valve is suitable for applications with clean liquids or liquids with a concentration of soft solids.

Designed for applications such as:

- Industry.
- Mining.
- Chemical plants.
- Food industry.
- Sewage treatment.
- Drying plants.
- Oil extraction.

SIZES

From DN50 to DN2000.

Other DN's on request.

WORKING PRESSURE (ΔP)

DN50-DN250	10 bar
DN300	7 bar
DN350-DN400	6 bar
DN450	5 bar
DN500-DN600	4 bar
DN700-DN1400	3 bar
DN1600-DN2000	2 bar

Other pressures on request.

FLANGE DRILLING

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

OTHERS COMMONLY USED

- PN6.
- PN16.
- PN25.
- Australian standard.
- JIS standard.
- British standard.

Other flange drilling on request

RESILIENT SEALS

- EPDM.
- NITRILE.
- FKM.
- SILICONE
- PTFE.

Various materials are available for the reinforced socket and the deflector (CA-15, CF8M, Ni-hard, etc.).

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.*

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.
- Seal test = working pressure x 1.1.



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As part of a process of on-going product and service development, **CMO Valves** reserves the right to amend and change the data and content of this document at its discretion at any time without notice. The publication of the latest revision renders all previous documents invalid.

Installation and Maintenance Manual available at www.cmovalves.com.