

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 drops.
- Various constructions materials and seal and stuffing materials available.
- Stainless steel gate.
- Face-to-face distance in accordance with UNE-EN 558 **Series Basic 20**. The rest according to **CMO Valves**.

GENERAL APPLICATIONS

This knife gate valve is suitable for working 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

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

OTHERS COMMONLY USED

- PN6.
- PN16.
- PN25.
- BS "D" and "E".
- JIS10K.

Others on request.

RESILIENT SEALS

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

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

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.



UB SERIES

FLANGE DRILLING – UB

DN	PN10					ASA150				
	●	○	M	P	ØK	●	○	R UNC	P	ØK
50	2	2	M 16	9	125	2	2	5/8"	9	120,6
65	2	2	M 16	9	145	2	2	5/8"	9	139,7
80	2	6	M 16	11	160	2	2	5/8"	11	152,4
100	2	6	M 16	12	180	2	6	5/8"	12	190,5
125	2	6	M 16	12	210	2	6	3/4"	12	215,9
150	2	6	M 20	14	240	2	6	3/4"	14	241,3
200	2	6	M 20	14	295	2	6	3/4"	14	298,4
250	4	8	M 20	14	350	4	8	7/8"	14	361,9
300	4	8	M 20	14	400	4	8	7/8"	14	431,8
350	6	10	M 20	20	460	4	8	1"	20	476,2
400	6	10	M 24	21	515	6	10	1"	21	539,7
450	8	12	M 24	22	565	6	10	1 1/8"	22	577,8
500	8	12	M 24	22	620	8	12	1 1/8"	22	635
600	8	12	M 27	22	725	8	12	1 1/4"	22	749,3

No obligation consultation on dimensions and drawings. **CMO Valves** reserves the right to modify them at any time, at its discretion and without prior notice.

Larger sizes on request.

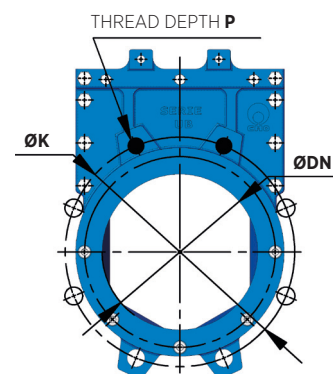
● Threaded holes.

○ Through holes.

www.cmovalves.com/valves



Visit our website to see the full features of the **UB Series**.



FLANGE DRILLING – UB

DN	PN10					ASA150				
	●	○	M	P	ØK	●	○	R UNC	P	ØK
700	16	8	M 27	23	840	20	8	1 1/4"	23	863,6
800	20	4	M 30	23	950	24	4	1 1/2"	23	977,9
900	24	4	M 30	23	1050	28	4	1 1/2"	23	1085,9
1.000	24	4	M 33	23	1160	32	4	1 1/2"	23	1200,2
1.200	28	4	M 36	30	1380	40	4	1 1/2"	30	1422,4
1.400	32	4	M 39	30	1590	44	4	1 3/4"	30	1651

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