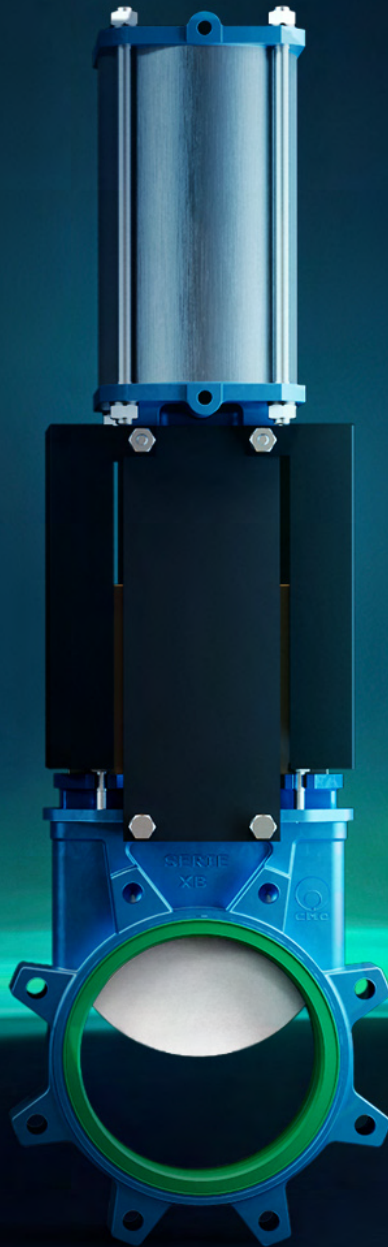


TECHNICAL DATA

XB SERIES



ARNETT
ENGINEERED SOLUTIONS

ARNETT ENGINEERED SOLUTIONS
61 INNOVATION DRIVE, BAMBERG, SC 29003

(844) 785-7585 | SALES@ARNETT.COM

WWW.ARNETT.COM

RUBBERISED BIDIRECTIONAL LUG TYPE KNIFE GATE VALVE

DESCRIPTION

- One-piece cast body with elastomer coated interior.
- High flow rates with low pressure drops.
- Various construction and packing materials available.
- Stainless steel gate.
- Face-to-face distance in accordance with **CMO Valves** standards.

GENERAL APPLICATIONS

This knife gate valve is suitable for working in the mining industry, in conveyance lines loaded with, for example: water with stones, mud...

Designed for applications such as:

- Mining industry.
- Chemical and thermal plants.
- Chemical and thermal plants.
- Energy sector.
- Sewage treatment.

SIZES

From DN50 to DN1200.

Other DN's on request.

WORKING PRESSURE (ΔP)

DN50 - DN600	10 bar
DN700 - DN800	6 bar
DN900 - DN1000	4 bar
DN1050 - DN1200	3 bar

42" - 48"	44psi
36" - 40"	58psi
28" - 32"	87psi
2" - 24"	145psi

FLANGE DRILLING

- PN10.
- ANSI B16.5 (150 LB).

OTHERS COMMONLY USED

- PN 6 Australian standard.
- PN 16 JIS standard.
- PN 25 British standard.

Others on request.

RESILIENT SEALS

- POLYURETHANE.

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

MATERIALS

Body: GJS500-7 Ductile Iron or CF8M Stainless Steel.

Gate: AISI304 or AISI316 Stainless Steel.

Liner/Sealing: Polyurethane lining as standard, plus options like Natural Rubber, EPDM, Nitrile, or FKM. Replaceable sleeves simplify maintenance.

DIRECTIVES

See document of directives applicable to CMO Valves.

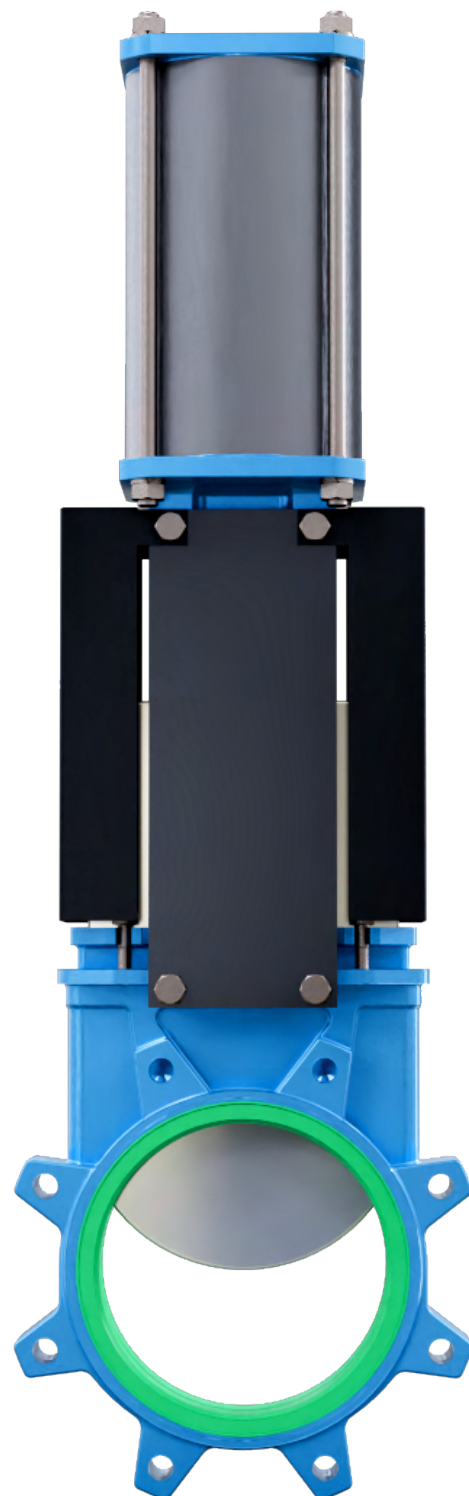


*For further information on categories and zones please contact **CMO Valves**. Technical-Commercial Department.*

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.



XB SERIES

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.



DN	A	B	C	G	F	D	ØV	N	ØCIL	M	R	H
50	54	91	61	241	410	280	225	416	80	581	540	457
65	54	91	68	268	437	308	225	456	80	607	566	500
80	57	91	91	294	463	333	225	498	80	632	592	560
100	57	91	104	334	503	373	225	562	100	672	632	620
125	64	101	118	367	586	407	225	636	125	705	665	683
150	64	101	130	419	638	458	225	723	160	757	717	755
200	76	118	159	525	816	578	325	886	200	988	942	926
250	76	118	196	626	1017	679	325	1133	250	1089	1043	1077
300	83	118	231	726	1117	779	380	1278	300	1189	1193	1246
350	83	290	257	797	1337	906	450	1383	350	1335	1335	1376
400	96	290	290	903	-	-	-	1532	400	1441	1441	1532
450	96	290	312	989	-	-	-	*	*	1677	1677	1707
500	121	290	340	1101	-	-	-	*	*	1789	1789	1869
600	121	290	398	1307	-	-	-	*	*	2108	2108	2202

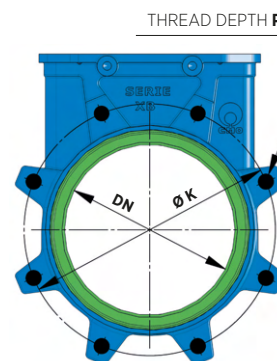
Larger sizes on request.



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

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

- *Threaded holes.*



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