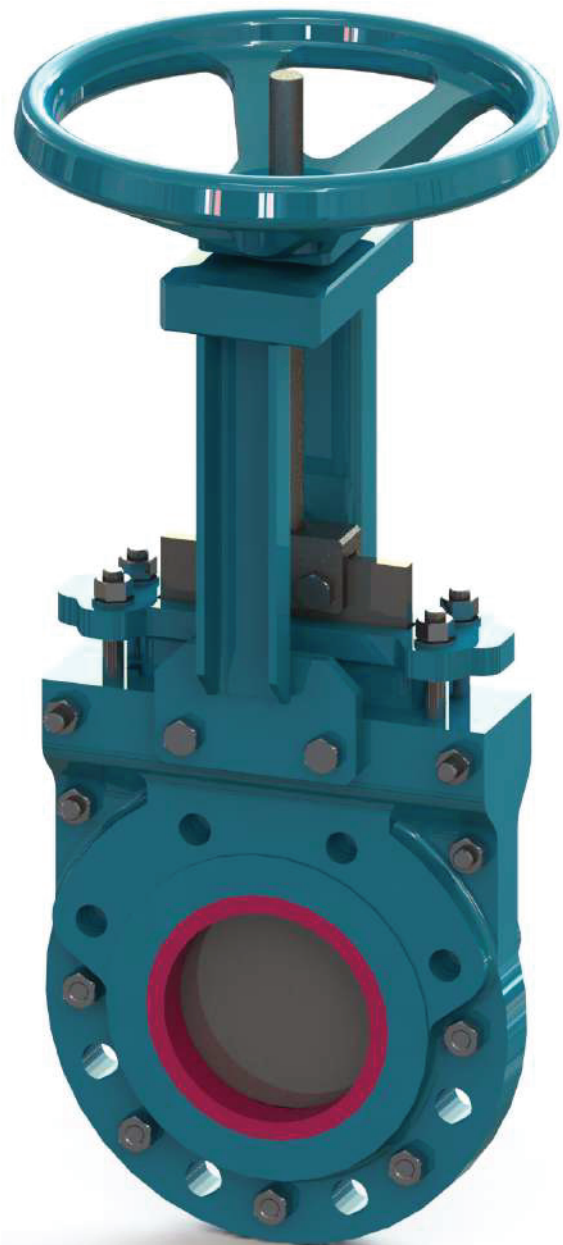
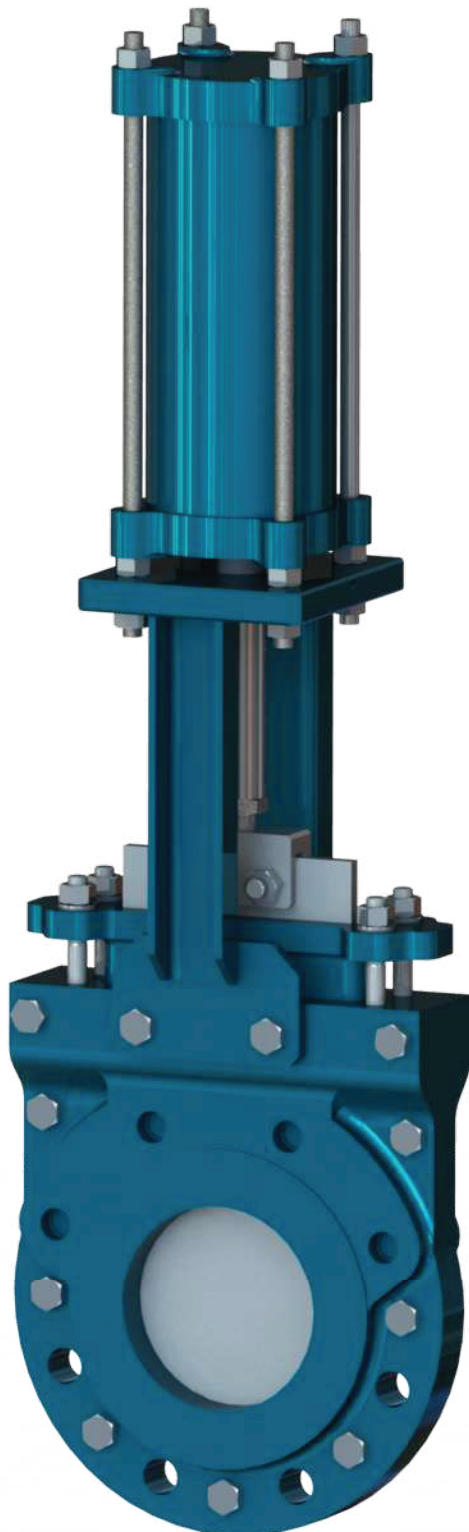


RHINOGATE™

**KNIFE GATE
VALVES**

**RGB800
RGB801**



rhinoflexvalves.in

KNIFE GATE VALVES

RGB800 & 801

RGB800 is a bi-directional knife gate valve, designed for mild slurry applications. Features a robust steel reinforced perimeter seat which provides zero leakage shutoff. The replaceable steel reinforced perimeter seat is mechanically retained between both halves of the two-piece bolted body for unsurpassed performance in the most demanding applications.

- Designed for easy, quick conversion between manual and pneumatic actuation. Featuring a lubricant injection port for continuous, smooth operation with minimal maintenance.
- Clevis design and horizontal bolting stabilizes gate ensuring proper alignment.
- Standard multi-layer square packing with energized Quad seal provides exceptional gland sealing.
- Unrestricted flow path with minimal pressure drop achieved through full port valve design.
- Deflection resistant gate design ensures consistent alignment for industry leading durability.
- Replaceable steel reinforced elastomer perimeter seat ensures bidirectional zero leakage shutoff.
- Two-piece bolted body for easy maintenance and seat replacement.

RGB801 is a bi-directional knife gate valve, designed for mild slurry applications. Features field replaceable polyurethane bore liner making it an economical solution for abrasive applications. Utilizing the same robust steel reinforced perimeter seat as **RGB800** enables bidirectional zero leakage shutoff.

- Polyurethane liner or rubber liner bonded to both halves of the body completely protects valve body from media.
- Polyurethane bore liner or rubber liner provides total protection from abrasive media.

Industries

- Steel
- Mining & Minerals
- Power
- Cement
- Ash slurry

Technical Specifications

Size range *	DN50-DN600
Body style	Two piece bolted
End Connection	Wafer mid flange
Pressure rating	PN10 & PN16
Drilling *	ASME B16.5 #150 EN1092 PN10 & 16 BS10 Table D&E AS2129 Table D&E JIS10K
Face to Face	MSS-SP-81
Design Std.	MSS-SP-81
Testing Std.	MSS-SP-81

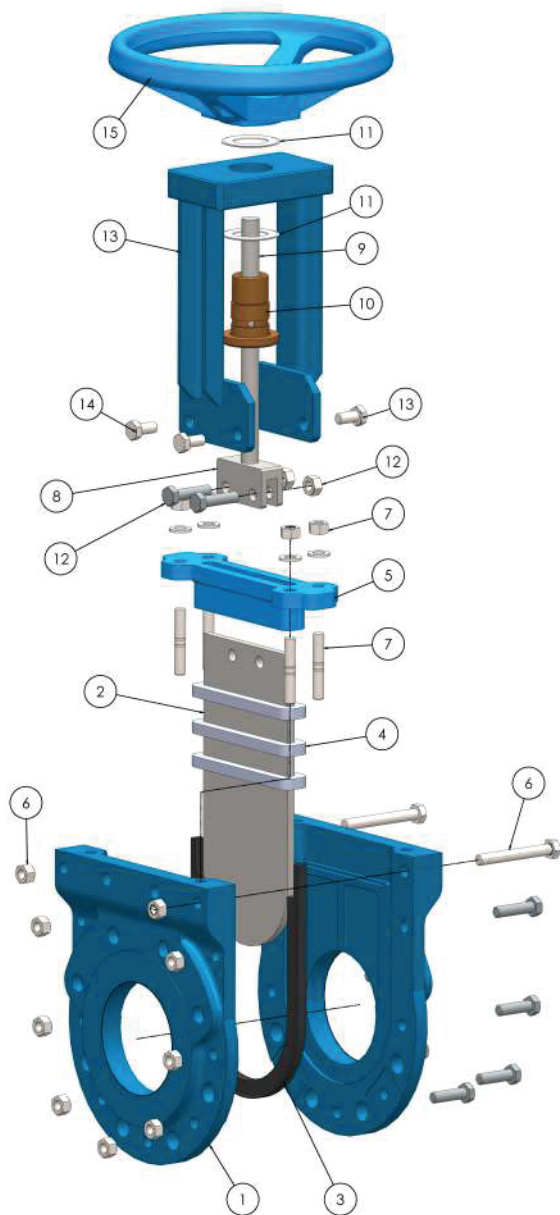
Standard MOC Option

Body *	CI / Steel
Gate *	SS304
Seat *	Nitrile
Stem *	SS304
Option (KGB801)	PU bore liner

*Other Materials on request

KNIFE GATE VALVES

RGB800 & 801

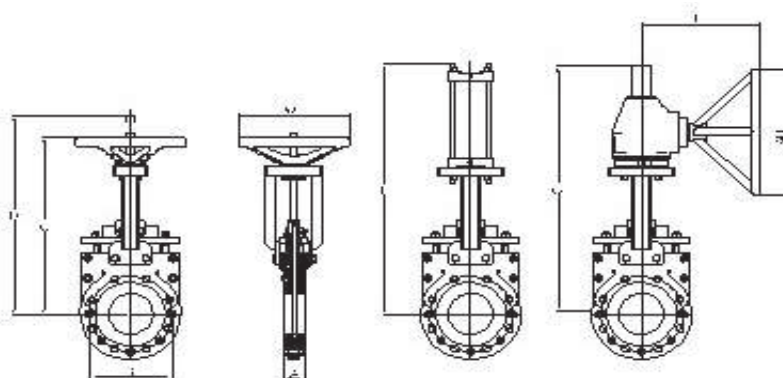


Item No.	Description	Material of Construction
1	Body	CI / DI / WCB / CF8 / CF8M
2	Gate	SS304 / SS316
3	Seat	Nitrile / EPDM / Viton
4	Packing	PTFE
5	Fasteners (Body)	CS / SS
6	Fasteners (Gland)	CS / SS
7	Gland	WCB / CF8 / CF8M
8	Clevis	SS304 / SS316
9	Stem	SS304 / SS316
10	Yoke sleeve	Brass
11	Thrust bearing	SS
12	Fasteners (Clevis)	SS
13	Yoke	SS
14	Fasteners (Yoke)	CS / SS
15	Hand wheel	CI / CS

*** Other Materials on request**

KNIFE GATE VALVES

RGB800 & 801



Dimensions in mm

Valve Size	A	*B	C	D	E	F	G	H	J
2	48	120.7	390	415	200	520	-	-	-
3	51	152.5	430	480	200	590	-	-	-
4	51	190.5	530	600	250	715	-	-	-
5	57	215.9	600	700	300	825	-	-	-
6	57	241.3	650	755	300	915	-	-	-
8	70	298.5	725	920	400	1100	-	-	-
10	70	362	810	1045	400	1290	1130	310	500
12	76	431.8	-	-	-	1425	1320	310	500
14	76	476.3	-	-	-	1540	1440	330	500
16	89	539.8	-	-	-	1800	1600	330	500
18	89	577.9	-	-	-	1980	1770	330	500
20	114	635	-	-	-	2200	2065	330	500
24	114	749.3	-	-	-	2530	2400	330	500

Dimensions in inch

Valve Size	A	*B	C	D	E	F	G	H	J
2	1.88	4.75	15.35	16.34	7.87	20.47	-	-	-
3	2.00	6.00	16.93	18.90	7.87	23.23	-	-	-
4	2.00	7.50	20.87	23.62	9.84	28.15	-	-	-
5	2.24	8.50	23.62	27.56	11.81	32.48	-	-	-
6	2.24	9.50	25.59	29.72	11.81	36.02	-	-	-
8	2.24	11.75	28.54	36.22	15.75	43.31	-	-	-
10	2.24	14.25	31.89	41.14	15.75	50.79	44.49	12.20	19.69
12	2.99	17.00	-	-	-	56.10	51.97	12.20	19.69
14	2.99	18.75	-	-	-	60.63	56.69	12.99	19.69
16	3.50	21.25	-	-	-	70.87	62.69	12.99	19.69
18	3.50	22.75	-	-	-	77.95	69.69	12.99	19.69
20	4.49	25.00	-	-	-	86.61	81.30	12.99	19.69
24	4.49	29.50	-	-	-	99.61	94.49	12.99	19.69

* In conformance with ASME B16.5, Class 150 for sizes NPS 2 (DN50) through NPS 24 (DN600).

RHINO FLEX INDIA PRIVATE LIMITED

SM-430, 2nd Gate Industrial Estate Near Flowserve Microfinish Gokul Road, Hubballi-580023 Karnataka, India

Web: www.rhino flex valves.in

Email: sales@rhino flex valves.in