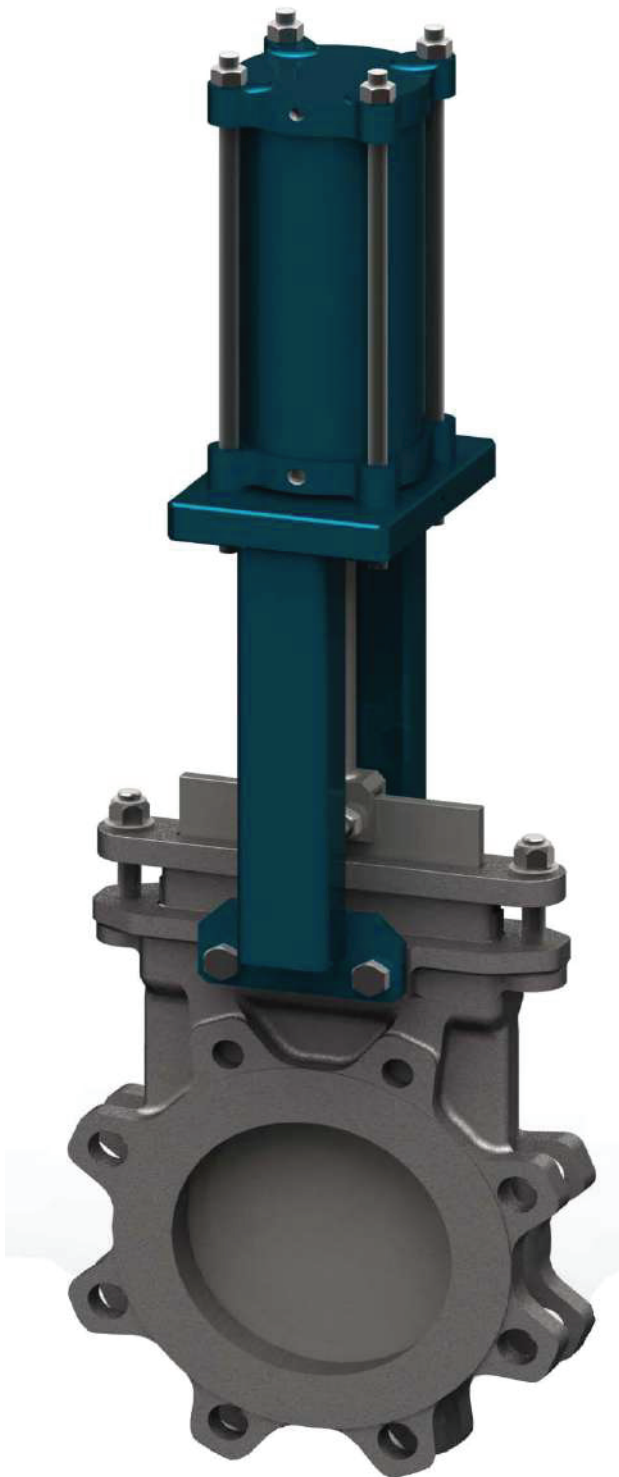


RHINO GATE™

**KNIFE GATE
VALVES**

RGB700



rhinoflexvalves.in

KNIFE GATE VALVES

RGB700

RGB700 is a bi-directional knife gate valve, designed for general purpose on/off service and isolation of clean, dirty, corrosive, abrasive, viscous, liquids, suspended solids and high temperature media.

- Clevis design and horizontal bolting stabilizes gate ensuring proper alignment.
- Standard multi-layer square packing provides exceptional gland sealing.
- Optional energized quad seal packing for enhanced gland sealing.
- Gland/Packing sealer for sizes up to 12" and PTFE anti-extrusion ring for sizes 14" and above.
- Gate design ensures consistent alignment throughout the length of the stroke.
- Unique body design with no dead pockets enables self-draining of valve.
- Unrestricted flow path with minimal pressure drop achieved through full port valve design.
- Replaceable flexible wire reinforced elastomer peripheral Sealing ensures bidirectional zero leakage shutoff.

Industries

- Waste Water
- Pulp & Paper
- Power
- Chemical
- Mining

Technical Specifications

Size range *	DN50-DN600
Body style	Single piece
End Connection	Wafer full Lug
Pressure rating	PN10
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

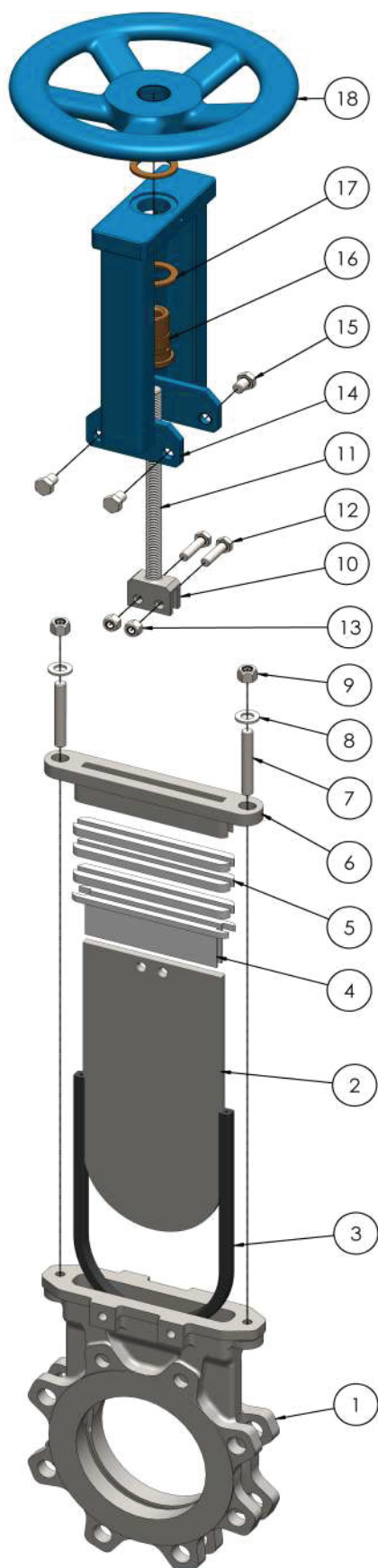
Standard MOC Option

Body *	WCB
Gate *	SS304
Seat *	Nitrile
Stem *	SS304

***Other Materials on request**

KNIFE GATE VALVES

RGB700

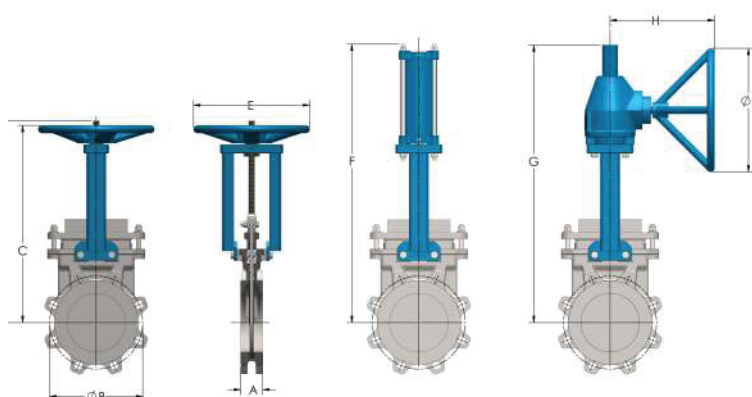


Item No.	Description	Material of Construction
1	Body	WCB / CF8 / CF8M
2	Gate	SS304 / SS316
3	Seat	Nitrile / EPDM / Viton
4	Gland/Packing sealer	PTFE
5	Packing	PTFE
6	Stud	CS / SS
7	Gland	WCB / CF8 / CF8M
8	Washer	CS / SS
9	Nut	CS / SS
10	Clevis	SS304 / SS316
11	Stem	SS304 / SS316
12	Clevis bolt	SS316
13	Clevis nut	SS316
14	Yoke fab	MS / SS
15	Body mounting bolt	CS / SS
16	Stem nut	Brass
17	Thrust washer	SS
18	Hand wheel	CI / CS

* Other Materials on request

KNIFE GATE VALVES

RGB700



Dimensions in mm

Valve Size	A	*B	C	D	E	F	G	H	J
2	48	120.7	375	400	250	520	-	-	-
3	51	152.5	425	500	250	600	-	-	-
4	51	190.5	500	575	250	680	-	-	-
5	57	215.9	560	660	300	790	-	-	-
6	57	241.3	600	725	300	850	750	310	500
8	70	298.5	650	870	400	1030	880	310	500
10	70	362	775	1050	400	1225	1110	310	500
12	76	431.8	880	1200	500	1390	1275	310	500
14	76	476.3	1000	1360	500	1530	1440	330	500
16	89	539.8	-	-	-	1670	1540	330	500
18	89	577.9	-	-	-	1900	1690	330	500
20	114	635	-	-	-	2080	1920	330	500
24	114	749.3	-	-	-	2370	2170	330	500

Dimensions in inch

Valve Size	A	*B	C	D	E	F	G	H	J
2	1.88	4.75	14.76	15.75	9.84	20.47	-	-	-
3	2.00	6.00	16.73	19.69	9.84	23.62	-	-	-
4	2.00	7.50	19.69	22.64	9.84	26.77	-	-	-
5	2.24	8.50	22.05	25.98	11.81	31.10	-	-	-
6	2.24	9.50	23.62	28.54	11.81	33.46	29.53	12.2	19.69
8	2.24	11.75	25.59	34.25	15.75	40.55	34.65	12.2	19.69
10	2.24	14.25	30.51	41.34	15.75	48.23	43.70	12.2	19.69
12	2.99	17.00	34.65	47.24	19.69	54.72	50.20	12.2	19.69
14	2.99	18.75	39.37	53.54	19.69	60.24	56.69	12.99	19.69
16	3.50	21.25	-	-	-	65.75	60.63	12.99	19.69
18	3.50	22.75	-	-	-	74.80	66.54	12.99	19.69
20	4.49	25.00	-	-	-	81.89	75.59	12.99	19.69
24	4.49	29.50	-	-	-	93.31	85.43	12.99	19.69

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

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