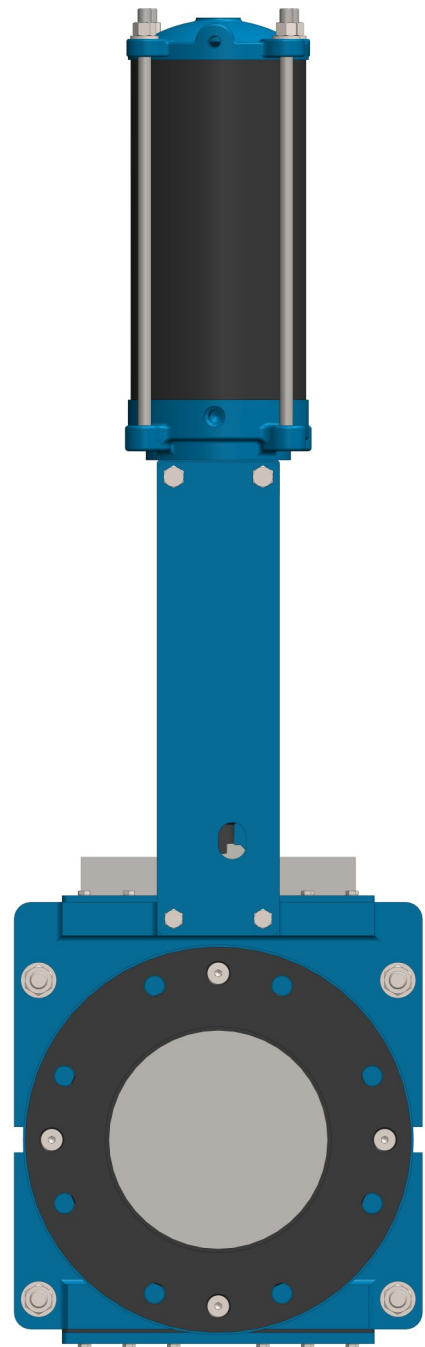
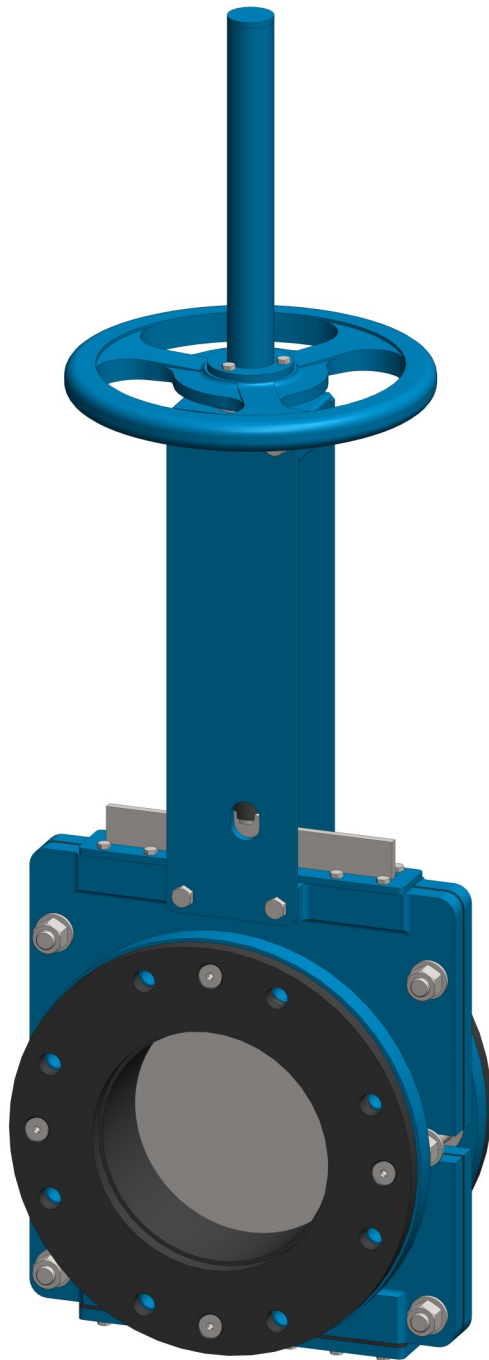


SLURRY KNIFE GATE

RLB200



SLURRY KNIFE GATE VALVES

RLB200

RLB200 is a bi-directional slurry valve, designed for slurry applications. Twin elastomer sleeves and push-through gate design facilitate self-cleaning and prevent media build up.

The Ductile Iron body is offered in a two-piece bolted flange style. When fully open, the valve is full bore, provides high flow rates with low pressure drop.

- Protective stem cover is standard in all models, increasing cycle life in hazardous environments.
- Dual, embedded spring steel reinforced, elastomer sleeves providing dynamically corrected sealing for Zero Leakage.
- In the open position, the energized sleeves shield all metal components from direct contact with the flowing process media.
- Gate available in a wide range of corrosion resistant alloys to suit the pressure rating and application.
- The design provides unobstructed flow path, extending sleeve life and minimizing pressure drop across valve.
- Flanged two-piece bolted body allows for easy maintenance and is drilled and tapped to country standards.
- Optional bottom flush plate with tapped ports, allows for safe discharge of media and easy flush water connection.
- When mounted between pipeline flanges, sleeves are compressed. Thus creating a tight sealing and allowing the Gate to travel smoothly during Opening & Closing.
- Split superstructure helps in removal of complete Gate assembly only by removing pneumatic cylinder fasteners.

Industries

- Mining & Minerals
- Power
- Alumina
- Chemical

Technical Specifications

Size range *	DN80-DN600
Body style	Two piece bolted
End Connection	Flanged
Pressure rating	CWP-7 & CWP-10
Drilling *	ASME B16.5 #150 PN10
Face to Face	Manufacturer's Std.
Design Std.	Manufacturer's Std.
Testing Std.	Manufacturer's Std.

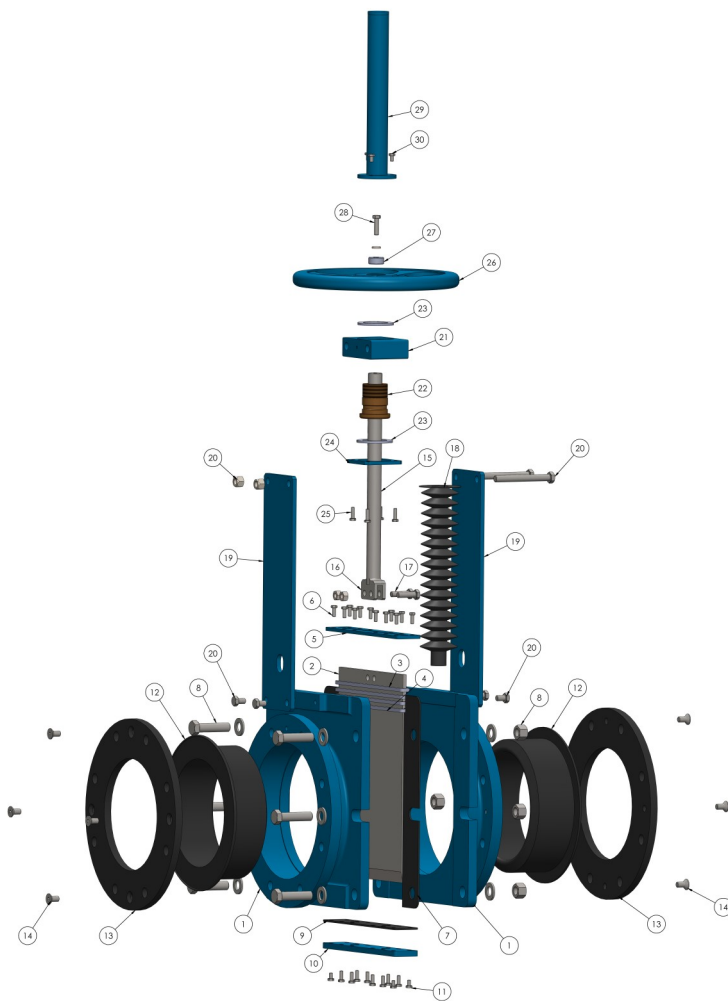
Standard MOC Option

Body *	Ductile Iron
Gate *	SS304/SS316/2205
Seat *	Natural Rubber
Stem *	SS304

***Other Materials on request**

SLURRY KNIFE GATE VALVES

RLB200

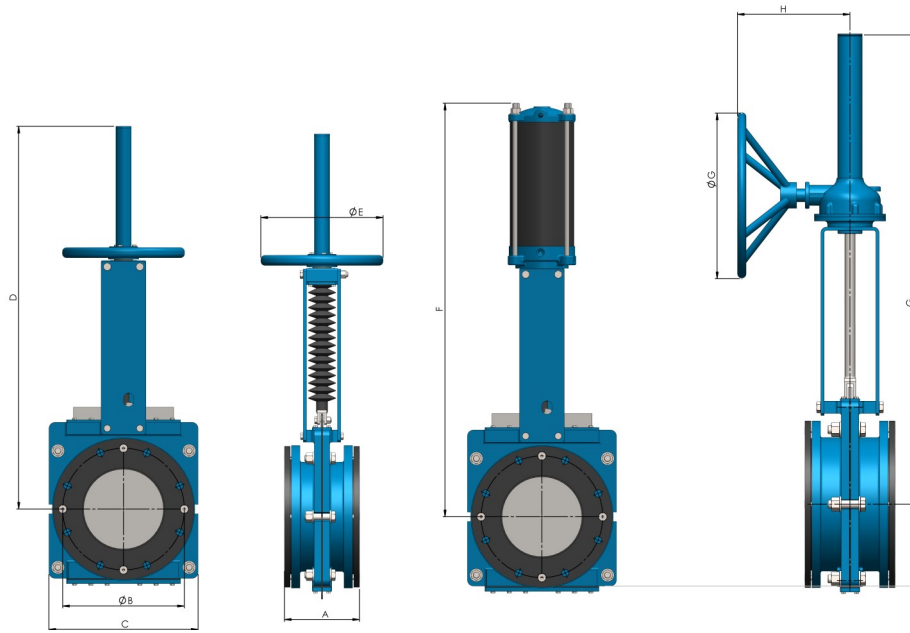


Item No.	Description	Material of Construction
1	Body	DI / WCB / CF8 / CF8M
2	Gate	SS304 / SS316
3	Gland Packing	PTFE, Graphite & Aramide Combination
4	Scraper	Polyurethane
5	Gland Plate	CS / SS
6	Fasteners (Gland)	CS / SS
7	Body Gasket	EPDM
8	Fasteners (Body)	CS / SS
9	Drain Plate Gasket	EPDM
10	Drain Plate	CS / SS
11	Fasteners (Drain Plate)	CS / SS
12	Seat	NR / EPDM
13	Seat Retainer	CS + NR / EDPM
14	Fasteners (Retainer)	CS / SS
15	Stem	SS304 / SS316
16	Clevis	SS
17	Fasteners (Clevis)	SS
18	Stem Bellows	Canvas / Leather
19	Structure	CS
20	Fasteners (Structure)	CS / SS
21	Collar	CS
22	Stem Nut	Brass / Al Bronze
23	Thrust Bearing	SS
24	Bracket(Bellows)	CS
25	Fasteners (Bellows)	CS
26	Hand Wheel	CI / DI
27/28	Stopper / Fasteners	SS
29 /	Stem Cover / Fas-	CS

* Other Materials on request

SLURRY KNIFE GATE VALVES

RLB200



DIMENSIONS IN MM

VALVE SIZE	A	B	C	D	E	F	G	H	J
50	175	120.7	204	480	250	550	--	--	--
80	175	152.5	228	600	250	660	--	--	--
100	175	190.5	280	620	250	690	--	--	--
150	178	241.3	330	850	300	900	920	280	--
200	184	298.5	406	960	300	1030	1020	280	500
250	226	362	432	1100	400	1180	1130	310	500
300	257	431.8	534	--	--	1310	1230	400	500
350	257	476.3	584	--	--	1480	1380	400	500
400	279	539.8	635	--	--	1620	1460	430	500
450	311	577.9	686	--	--	1800	1710	460	500
500	359	635	736	--	--	1950	1840	460	500
600	372	749.3	864	--	--	2300	2230	500	500

DIMENSIONS IN INCHES

VALVE SIZE	A	B	C	D	E	F	G	H	J
2	6.88	4.75	8.03	18.9	9.84	21.65			
3	6.88	6.00	8.98	23.62	9.84	25.98			
4	6.88	7.50	11.02	24.41	9.84	27.17			
6	7.24	9.50	12.99	33.46	11.81	35.43	36.22	11.02	
8	8.89	11.75	15.98	37.80	11.81	40.55	40.16	11.02	19.69
10	10.11	14.25	17.01	43.31	15.75	46.46	44.49	12.2	19.69
12	10.11	17.00	21.02	--	--	51.57	48.43	15.75	19.69
14	10.98	18.75	22.99	--	--	58.27	54.33	15.75	19.69
16	12.24	21.25	25.00	--	--	63.78	57.48	16.93	19.69
18	14.01	22.75	27.01	--	--	70.87	67.32	18.11	19.69
20	14.64	25.00	28.98	--	--	76.77	72.44	18.11	19.69
24	14.49	29.50	34.02	--	--	90.55	87.80	19.69	19.69

* In conformance with ASME B16.5, Class 150 for sizes NPS 3 (DN80) through NPS 24 (DN600).

RHINOFLEX INDIA PRIVATE LIMITED

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

Web: www.rhinoflexvalves.in

Email: sales@rhinoflexvalves.in