

RESILIENT SEAT GATE VALVE

CRI make resilient seat gate valve has light in weight and robust design which comply IS/EN standards. The EPDM encapsulated wedge offers an efficient sealing at maximum pressure differential and reduce maintenance cost. The valve is designed in such a way to meet the complete specification for water application.

Specification:

Size: DN50 – DN600

Pressure rating: PN10, PN 16

Max working Temp: 70 deg.C

General Design: BS 5163, EN 1074 – 1&2

Face to Face: EN558 Series-3/ISO5752

Flange Standard Conformity: EN 1092-2/IS 1538

Testing: EN 12266, BS 6755-1

- Shell strength & Joints: 1.5 X PN
- Seat leakage: 1.1 X PN



Product Characteristics:

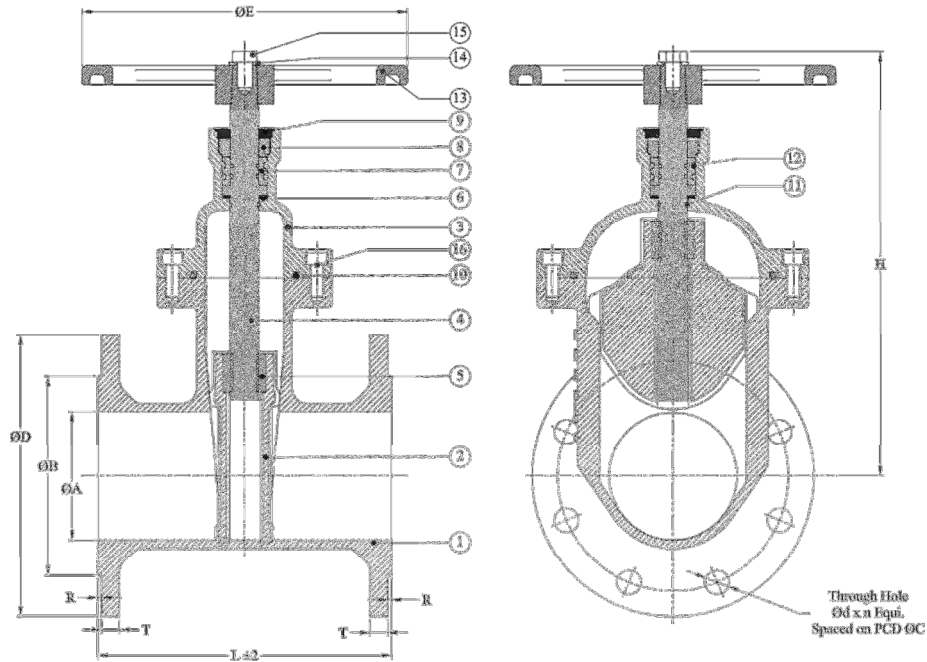
- NFS 61/WRAS approved EPDM encapsulated solid wedge.
- Fusion bonded non -toxic epoxy coating with min. 250 microns.
- Integral seat
- Triple O-ring gland sealing
- Flange design according to ANSI & BS (Available on request)
- Bonnet with ISO 5211 mounting pad for Actuator/Gearbox

Optional:

- Bypass arrangement on request
- Other coating like Relsin, Teflon, etc..

Application:

Drinking water, sewage, Irrigation Systems, Waste Water, Heating systems (up to 70°C).



SI. No.	Part Name	Mat. Specification
1	Body	Ductile Iron (SG-500/7)
2	Wedge	Ductile Iron (SG-500/7) + EPDM
3	Bonnet	Ductile Iron (SG-500/7)
4	Stem	Stainless Steel 420
5	Stem Nut	LTB-2
6	Thrust Washer	Delrin
7	Bush	Delrin
8	Lock Nut	Stainless Steel 420
9	Rubber seal	NBR
10	Gasket	EPDM
11	'O' Ring Stem	NBR
12	'O' Ring Bush	NBR
13	Hand Wheel	Ductile Iron (SG-450/10)
14	Washer	Mild Steel
15	Hex Bolt	Mild Steel
16	Socket Head Screw	Stainless Steel 304

SL.No	Valve Size		Dimensions										Wt. (Kgs)
	NPS	DN	ØA	ØB	ØC	ØD	Ød x n	ØE	L	H	T	R	
1	2	50	50	99	125	165	19 x 4	200	178	255	17	3	11
2	3	80	80	132	160	200	19 x 4	200	203	290	17	3	14
3	4	100	100	156	180	220	19 x 8	254	229	331	17	3	18.3
4	6	150	150	211	240	285	23 x 8	315	267	432	17	3	32.2
5	8	200	200	266	295	340	23 x 8	356	292	525	18	3	50.8
6	10	250	250	319	350	405	23 x 12	406	330	618	20	3	85.4
7	12	300	300	370	400	460	23 x 12	406	356	715	22.5	4	124
8	14	350	350	429	460	520	23 x 16	406	381	793	30	4	219.8
9	18	450	450	527	565	640	28 x 20	406	432	1089	27	4	429.1