

Gate Valve

LGTVRS Series

OS&Y & NRS



GATE VALVE

Introduction

LGTVRS is Lubi's Gate Valve Resilient Seated Series where as the name suggests it is a soft seated type of Gate Valve where the wedge is EPDM Coated which gives it the soft seating and zero leakage.



WE OFFER **LGTVRS** IN TWO TYPES
OF CONSTRUCTION :

OS&Y Type (Outside Screw & Yoke)
NRS Type (Non-Rising Stem)



Main Features

- We offer our Valves in both Flanged End & Grooved End connections.
- These valve is designed in such a way that it has minimal friction loss as when the valve is fully opened there is zero obstruction in the flow path.
- The EPDM Coated Wedge provides a bubble tight seal to ensure zero leakage when the valve is fully closed.
- Drain Plugs are offered as per customer request for draining the valve during maintenance.
- NRS Type Gate Valve is suitable for installation where limited space is available.
- We provide Triple O-ring Stem Seal which prevents the leakage of liquid and keeps the thrust collar free from dirt or any other contaminants.
- For NRS Type Gate Valve we also provide Post Flange if requested at the time of order.
- We provide CED Coating on the valves as standard for better corrosion protection and wear resistance.

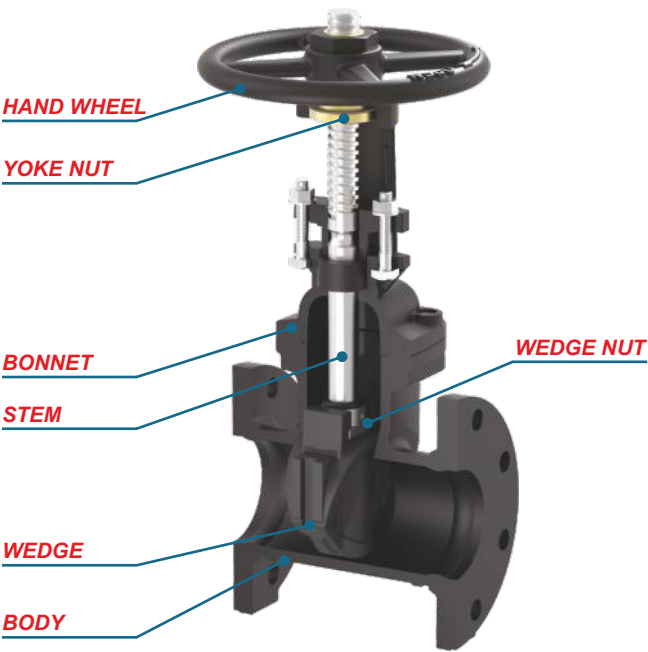
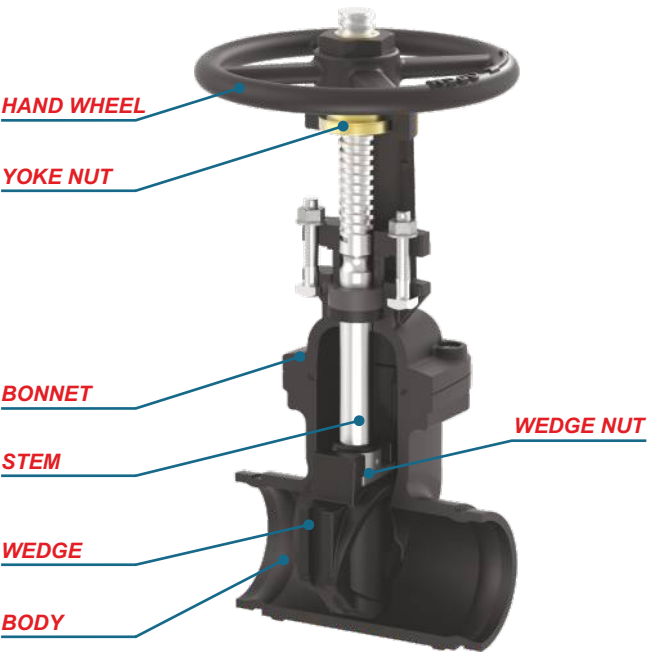
Standards

Design	AWWA C515
Grooved Ends	AWWA C606
Flanged Ends	PN10 / PN16 / ASME B16.1 CLASS 125
Testing	ISO5208 / API598 / EN 12266

Test Pressure

Hydrostatic Shell Test	24 bar (350 psi)
Seat Test	18.0 bar (275 psi)
Maximum Working pressure	16 bar (230 psi)
Back Seat Pressure	18.0 bar (275 psi)

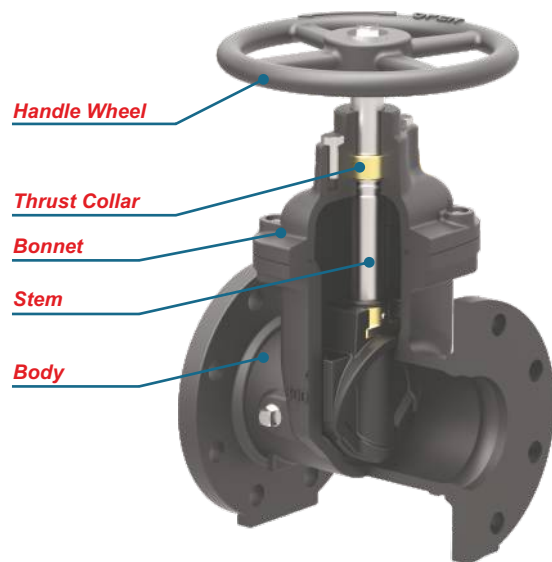
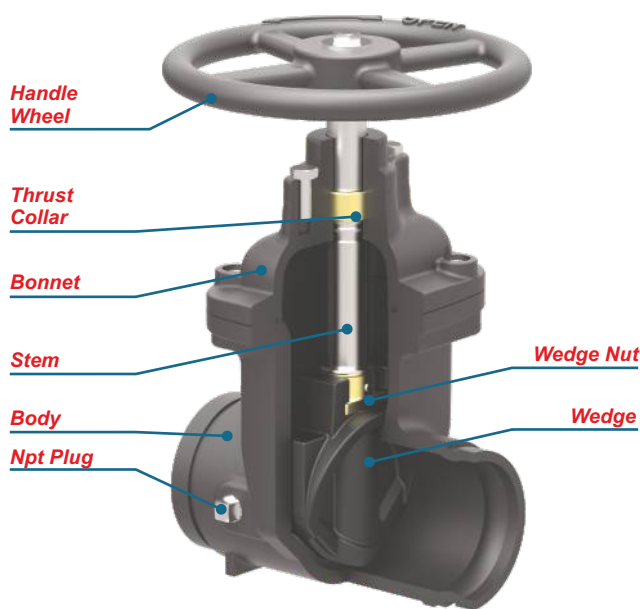




Material of Construction

Part Name	Material	Specification
Main Body	Cast Iron	FG260
Wedge	Cast Iron and Rubber Encapsulated	FG260 + EPDM Rubber
Wedge Nut	Stainless Steel	AISI 304
Hand Wheel	Cast Iron	FG200
Handle Nut	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 304
Bonnet	Cast Iron	FG260
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Cast Iron	FG200
Yoke Nut	Bronze	B62 C83600
** Drain Plug	Stainless Steel	AISI 304
Gland Bolt	Carbon Steel	AISI 1010
Bonnet Bolt	Carbon Steel	AISI 1010

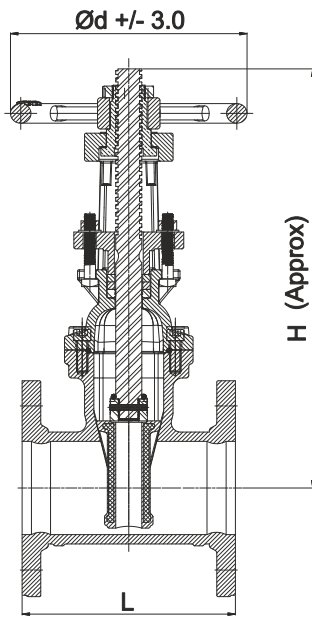
** Drain Plug will be available as per customer request only.



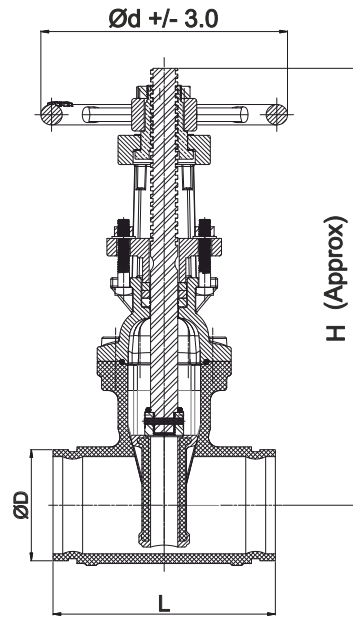
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Wedge Nut	Bronze	B62 C83600
Stem	Stainless Steel	AISI 304
Bonnet	Cast Iron	FG260
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Cast Iron	FG200
Thrust collar	Brass	C67400
O-Ring	Rubber	EPDM
Hand Wheel	Cast Iron	FG200
Post Flange	Cast Iron	FG200
Operating nut	Cast Iron	FG200
Drainage Plug	Stainless Steel	AISI 304
Post Flange Bolt	Carbon Steel	AISI 1010
Bonnet bolt	Carbon Steel	AISI 1010

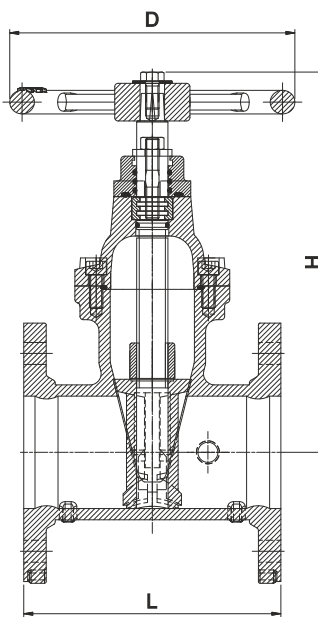
Size / Dimensions



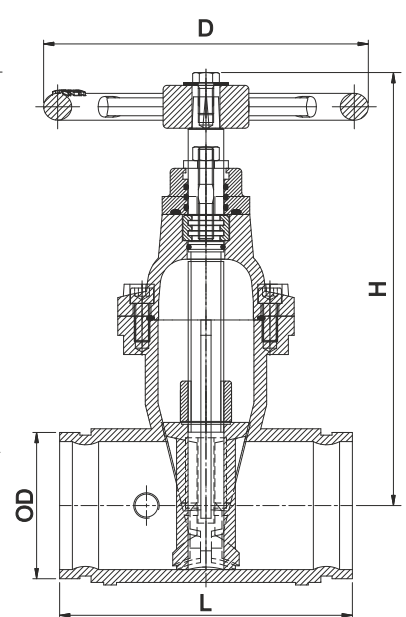
OS&Y Gate Valve Flanged End



OS&Y Gate Valve Grooved End



Gate Valve Flanged End
With Hand Wheel



Gate Valve Grooved End
With Hand Wheel

OS&Y Gate Valve Flanged End

Size mm	Size Inch	L	H (Open)	H (Close)	Ød
65	2.5	190.5	420	352	184
80	3	204	480	393	255
100	4	230	542	445	255
150	6	268	754	592	306
200	8	293	932	730	357
250	10	331	1130	880	446
300	12	356	1336	1021	446

Gate Valve Grooved End With Hand Wheel

Size mm	Size Inch	OD	L	H	D
65	2.5	76.10	190.5	263	184
80	3	88.90	203	283	254
100	4	114.30	229	338	254
150	6	168.30	267	448	305
200	8	219.10	292	530	356
250	10	273.00	330	633	445

OS&Y Gate Valve Grooved End

Size mm	Size Inch	OD	L	H (Open)	H (Close)	Ød
65	2.5	76.10	190.5	420	352	184
80	3	88.90	204	480	393	255
100	4	114.30	230	542	445	255
150	6	168.30	268	754	592	306
200	8	219.10	293	932	730	357
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Gate Valve Flanged End With Hand Wheel

Size mm	Size Inch	L	H	D
65	2.5	190.5	263	184
80	3	203	283	254
100	4	229	338	254
150	6	267	448	305
200	8	292	530	356
250	10	330	633	445

Note: All Dimensions are in mm unless mentioned otherwise.

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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ISO 9001

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