

# OS&Y GATE VALVE

## Flanged x Grooved



### Technical Features

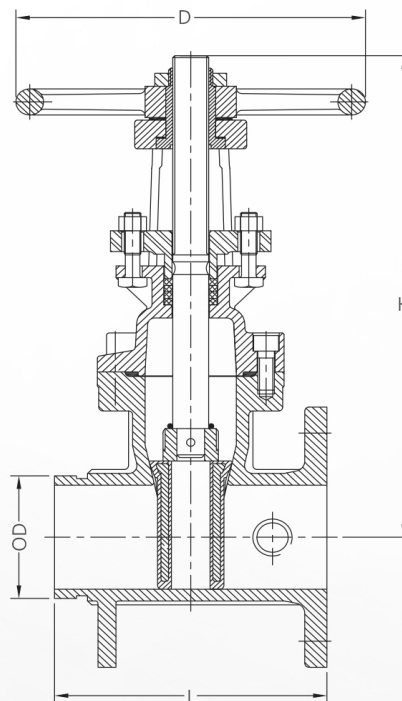
- Connections: Flanged Ends (ANSI B16.1 Class 125)  
Grooved Ends (AWWA C606)
- Sizes: 2-1/2", 3", 4", 5", 6", 8", 10", 12"
- Approvals: UL, ULC, FM
- Maximum Working Pressure: 300PSI (Max. Test Pressure: 600PSI)
- Maximum Working Temperature: 180°F (82°C)
- Complies with AWWA C515
- NPT Plug on Body
- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550



Components	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Stainless Steel	ANSI 304
Stem	Stainless Steel	ANSI 420
Bonnet	Ductile Iron	A536 65-45-12
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Ductile Iron	A536 65-45-12
Yoke Nut	Bronze	B62 C83600
Handwheel	Ductile Iron	A536 65-45-12
Handwheel Nut	Ductile Iron	A536 65-45-12
NPT Plug	Malleable Iron	Commercial
Gland Bolt	Stainless Steel	AISI 316
Bonnet Bolt	Carbon Steel	A307B

### Dimensions

Size	OD		L		H (OPEN)		H (CLOSE)		D		Weight lbs
	in	mm	in	mm	in	mm	in	mm	in	mm	
2-1/2"	2.9	73.7	7.5	190.5	16.3	414.0	13.8	350.0	7.2	182.9	40.9
3"	3.5	88.9	8.0	203.0	18.9	480.0	15.7	398.8	10.0	254.0	52.9
4"	4.5	114.3	9.0	229.0	21.7	551.2	17.7	450.0	10.0	254.0	57.6
5"	5.6	142.3	10.0	254.0	25.8	655.0	20.9	530.0	12.0	305.0	89.2
6"	6.6	167.6	10.5	267.0	29.1	740.0	23.2	589.3	12.0	305.0	93.9
8"	8.6	218.4	11.5	292.0	36.6	930.0	28.7	729.0	14.0	356.0	162.0
10"	10.7	271.9	13.0	330.0	44.5	1130.0	34.6	878.9	17.5	445.0	254.1
12"	12.8	325.1	14.0	356.0	52.0	1320.0	40.2	1021.0	17.5	445.0	355.0



System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	