

OS&Y GATE VALVE FLANGED ENDS



Technical Features

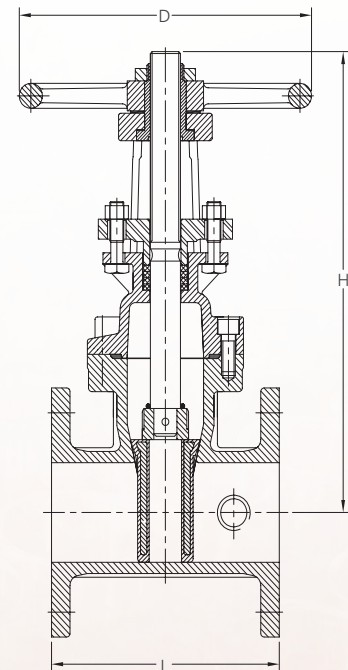
- Connections: Flanged Ends (ANSI B16.1 Class 125)
- Sizes: 2-1/2", 3", 4", 5", 6", 8", 10", 12" (300 PSI) / 14", 16", 18" (250 PSI) / 20", 24" (200 PSI)
- Approvals: UL, ULC, FM, NSF-61, and NSF-372, UL (14"-24") / FM (14"-16")
- Maximum Working Pressure: 300PSI (Max. Test Pressure: 600PSI)
- Maximum 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	B62C83600
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	L		H (OPEN)		H (CLOSE)		D		Weight lbs
	in	mm	in	mm	in	mm	in	mm	
2-1/2"	7.5	190.5	16.3	414.0	13.8	350.5	7.2	182.9	46.3
3"	8	203.2	18.9	480.0	15.7	398.8	10.0	254.0	65.8
4"	9	228.6	21.7	551.2	17.7	449.6	10.0	254.0	74.9
5"	10	254.0	25.8	655.3	20.9	530.9	12.0	304.8	92.5
6"	10.5	266.7	29.1	739.1	23.2	589.3	12.0	304.8	104.1
8"	11.5	292.1	36.6	929.6	28.7	728.0	14.0	355.6	191.3
10"	13	330.2	44.5	1130.3	34.7	881.4	17.5	444.5	292.4
12"	14	355.6	52.0	1320.8	40.2	1021.1	17.5	444.5	410.6
14"	15	381.0	61.97	1574.0	48.19	1224.0	17.5	444.5	507.0
16"	16	406.4	70.31	1785.8	54.57	1386.0	21.0	533.4	1256.6
18"	17	431.8	79.53	2020.0	61.81	1570.0	24.0	609.6	1530.0
20"	18	457.2	89.61	2276.0	69.92	1776.0	24.0	609.6	1785.74
24"	20	508.0	102.36	2599.9	102.36	2600.0	30.0	762.0	2101.0



System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	