

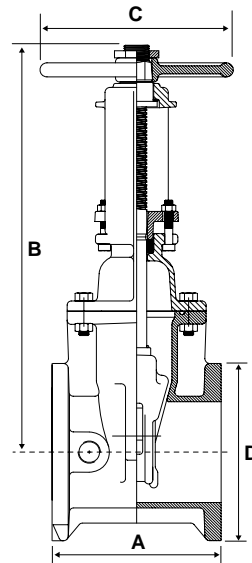


Outside Screw and Yoke (OS&Y) Gate Valve

4068A

Technical Features

- **Sizes available (Nominal) :** DN65/2 1/2", DN80/3", DN100/4", DN150/6", DN200/8", DN250/10" and DN300/12".
- **Pressure data :**
Working pressure : 13.8 bar (200 psi)
- **Seat type :** Resilient wedge.
- **Finish :** Fusion bonded thermosetting resin
- **Connections :** Flange diameter and thickness according to ANSI B16.1 Class 125. Flange drilling varies by Reference number. See Physical Data table below.
- **Specifications :** Design and dimensions conform to AWWA C509.



Control Valves

Outside Screw and Yoke (OS&Y) Gate Valve - 4068A

Physical Data

Nominal Pipe Size		Dimensions (mm / inch)				Reference*				Weight (kg/lbs)
Metric	inch	A	B (open)	C	D	ANSI		PN10	PN16	
						Europe	US/Asia			
DN65	2 1/2"	191 / 7.5	416 / 16.4	185 / 7.3	178 / 7.0	4068A0250	8068A-0250	40680250PN10	40680250PN16	23.1 / 51
DN80	3"	203 / 8.0	479 / 18.9	254 / 10.0	191 / 7.5	4068A0300	8068A-0300	40680300PN10	40680300PN16	29.0 / 64
DN100	4"	229 / 9.0	578 / 22.8	254 / 10.0	229 / 9.0	4068A0400	8068A-0400	40680400PN10	40680400PN16	47.6 / 105
DN150	6"	267 / 10.5	765 / 30.1	305 / 12.0	279 / 11.0	4068A0600	8068A-0600	40680600PN10	40680600PN16	69.0 / 152
DN200	8"	292 / 11.5	959 / 37.8	356 / 14.0	343 / 13.5	4068A0800	8068A-0800	40680800PN10	40680800PN16	114.8 / 253
DN250	10"	330 / 13.0	1162 / 45.8	457 / 18.0	406 / 16.0	4068A1000	8068A-1000	40681000PN10	40681000PN16	193.7 / 427
DN300	12"	356 / 14.0	1349 / 53.1	457 / 18.0	483 / 19.0	4068A1200	8068A-1200	40681200PN10	40681200PN16	263.5 / 581

* Valve flange drilling (size and location of bolt holes and pitch circle diameter) allows mating with the following flange types :
ANSI = ANSI B16.1 Class 125 PN10 = DIN 2501, BS 4504, EN 1092 - PN10 PN16 = DIN 2501, BS 4504, EN 1092 - PN16

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Materials List

Item	Description	Material	Specification
1	Handwheel Nut	Bronze (AWWA Grade A)	ASTM B584 CDA844
2	Handwheel	Cast Iron	ASTM A126-CI.B
3	Upper Thrust Washer	Brass	ASTM B36 CDA260
4	Lower Thrust Washer	Nylatron	
5	Yoke Nut	Manganese Bronze	ASTM B584 CDA862
6	Hex. Head Cover Bts&Nts	Zinc Plated Steel	ASTM A307/A563
7	Cover	Cast Iron	ASTM A126-CI.B
8	Packing Bolts	Zinc Plated Steel	ASTM A307
	Packing Bolts Nuts	Brass	ASTM A563
9	Packing Gland	Ductile Iron	ASTM A536 70-50-05
10	Packing	Sq. Braided Non-Asbestos	
11	O-Ring (Cover)	NBR	
12	O-Ring (Stem)	NBR	
13	Stem	Bronze	ASTM B584/B21
14	Stem Nut	Bronze	ASTM A584 CDA844
15	Wedge Disc	CI SBR Coated	ASTM A126-CI.B
16	Body (All Types)	Cast Iron	ASTM A126-CI.B
17	Pipe Plug	Galvanised Steel	

