

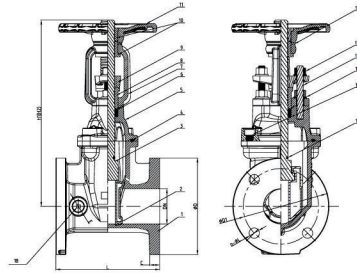
OS&Y Flanged Resilient Os&Y Gate Valve

Fig. No.XZ41X



003073.7

XZ41X



- Connection Ends: Flange to ASME B16.1 CL 125
- Working Pressure: 300PSI
200PSI and 250PSI available upon request
- Temperature Range: 0°C- 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536, 65-45-12	
2	Resilient Wedge Disc	ASTM A536, 65-45-12+EPDM	
3	Stem	AISI 420	AISI 304, AISI 316, AISI 431, Al-bronze
4	Bonnet Gasket	EPDM	NBR
5	Bonnet	ASTM A536, 65-45-12	
6	Packing	EPDM	
7	Yoke	ASTM A536, 65-45-12	
8	Stem Bushing	Brass Hpb59-1	
9	Gland	ASTM A536, 65-45-12	
10	Stem Nut	Brass Hpb59-1	Bronze ZQSn5-5-5
11	Handwheel	ASTM A536, 65-45-12	Pressed Steel
12	Washer	Brass Hpb59-1	
13	Gland Nut	Carbon Steel Zinc Plated	AISI 304, AISI 316
14	Stud	Carbon Steel Zinc Plated	AISI 304, AISI 316
15	Flat Washer	Carbon Steel Zinc Plated	AISI 304, AISI 316
16	Bolt	Carbon Steel Zinc Plated	AISI 304, AISI 316
17	O-Ring	NBR	EPDM
18	Plug	C89833	

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.
Size 2"-5" with 1pc of 1/2" bronze NPT tapping plug, size 6"-24" with 1pc of 3/4" bronze NPT tapping plug.

DN		Dimensions(mm)							Turns to Open	
Inch	mm	L	H1(Close)	H2(Open)	D	D1	C	n-ΦL	Double-Lead thread	
2"	50	178	348	400	152	120.7	16	4-Φ19.1	6.5	6.5
2.5"	65	190	373	440	178	139.7	17.5	4-Φ19.1	7.5	7.5
3"	80	203	408	490	191	152.4	19.1	4-Φ19.1	8.8	8.8
4"	100	229	471	573	229	190.5	19.1	8-Φ19.1	10.5	10.5
5"	125	254	541	665	254	215.9	19.1	8-Φ22.2		
6"	150	267	601	755	279	241.3	19.1	8-Φ22.2	13.3	13.3
8"	200	292	774	975	343	298.5	22.2	8-Φ22.2	17.7	17.7
10"	250	330	939	1193	406	362	23.8	12-Φ25.4	22.5	22.5
12"	300	356	1065	1370	483	431.8	25.4	12-Φ25.4	26	26
14"	350	381	1415	1780	528	476.3	25.4	12-Φ28.6	29.5	29.5
16"	400	406	1385	1790	592	539.8	25.4	16-Φ28.6	33.5	33.5
18"	450	432	1835	2290	635	577.9	25.4	16-Φ31.8	37.5	37.5
20"	500	457	1830	2380	710	635	28.6	20-Φ31.8	42	42
24"	600	508	2030	2830	836	749.3	30.1	20-Φ34.9	50	50