



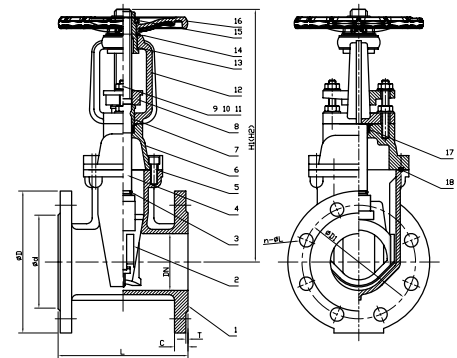
Resilient Seated OS&Y Gate Valve Fig. VA3194 PN16

Specification

- ✓ Connection Ends: Flange to BS EN 2:1997-1092
- ✓ Working Pressure: PN16
- ✓ Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	EN-GJS10-450-
2	Resilient Wedge Disc	EN-GJS+10-450-EPDM
3	O-Ring	EPDM
4	Stem	Stainless Steel
5	Bolt	Carbon Steel Zinc Plated
6	Bonnet	EN-GJS10-450-
7	Stem Bushing	Brass Hpb1-59
8	Gland	EN-GJS10-450-
9	Flat Washer	Carbon Steel Zinc Plated
10	Stud	Carbon Steel Zinc Plated
11	Nut	Carbon Steel Zinc Plated
12	Yoke	EN-GJS10-450-
13	Stem Nut	Brass Hpb1-59
14	Washer	Brass Hpb1-59
15	Locknut	Carbon Steel Zinc Plated (Type A) Not available (Type B)
16	Handwheel	EN-GJS10-450-
17	Stem Packing	NBR
18	Bonnet Gasket	NBR



Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

DN		PN	Dimensions(mm)										
Inch	mm		L	TypeA		TypeB		D	D1	d	C	T	n-φ L
				H1(Close)	H2(Open)	H1(Close)	H2(Open)						
2"	50	10/16	178	323	373	348	400	165	125	99	19	3	-4019
2.5"	65	10/16	190	343	408	373	440	185	145	118	19	3	-4019
3"	80	10/16	203	370	450	408	490	200	160	132	19	3	-8019
4"	100	10/16	229	442	542	471	573	220	180	156	19	3	-8019
5"	125	10/16	254	541	665	541	665	250	210	184	19	3	-8019
6"	150	10	267	608	758	593	743	285	240	211	19	3	-8023
8"	200	10	292	720	920	774	975	340	295	266	20	3	-8023
		16											-12023
10"	250	10	330	940	1190	940	1190	405	350	319	22	3	-12023
		16							355				-12028
12"	300	10	356	1065	1370	1065	1370	460	400	370	24.5	4	-12023
		16							410				-12028
14"	350	10	381	1415	1780	1415	1780	516	460	429	26.5	4	16-Φ 23
		16							470				16-Φ 28
16"	400	10	406	1385	1790	1385	1790	575	515	480	28	4	16-Φ 28
		16							525				16-Φ 31
18"	450	10	432	1835	2290	1835	2290	635	565	530	30	4	20-Φ 28
		16							585	548			20-Φ 31
20"	500	10	457	1830	2380	1830	2380	710	620	582	31.5	4	20-Φ 28
		16							650	609			20-Φ 34
24"	600	10	508	2030	2830	2030	2830	836	725	682	36	5	20-Φ 31
		16							770	720			20-Φ 37

Notes

Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

Features

Rating	PN16
Connection	Flanged BS EN2-1092, PN16 (ex BS 4504)
Working Medium	Water, Oil, Steam
Non-Rising Stem, Resilient Seat, Epoxy Coated, EPDM Coated Disc, Raised Face Flanges.	
HYDROSTATIC TEST PRESSURE	WORKING TEMPERATURE
Shell - 24 bar Seat - 17.6 bar	16 Bar - 10°C to 120°C Water WRAS approved - 10°C to 85°C