



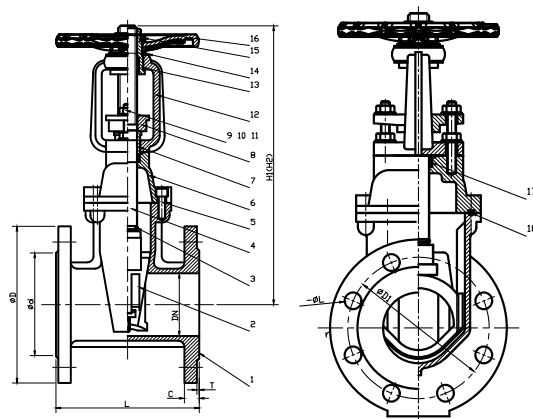
Resilient Gate Valve PN16 Outside Screw & Yoke Fig. VA3194

Specification

- ✓ Manufactured in accordance with EN 1171
- ✓ Outside Screw & Yoke (OS&Y), Rising Stem Design
- ✓ Flange drilling complies with EN 1092-2, I PN16
- ✓ Face-to-Face dimensions comply with EN 558
- ✓ Rated Working Pressure: 16 bar
- ✓ Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Material Specification

Item	Part Name	Material	Specification
1	Valve Body	Ductile Iron + EPDM	EN-GJS-450-10
2	Resilient Wedge Disc	Ductile Iron	EN-GJS-450-10
3	O Ring	NBR	EN 681-1
4	Stem	AISI 420	
5	Nut	Carbon Steel Zinc Plated	Grade 8.8 / ISO 898-1
6	Bonnet	Ductile Iron	EN-GJS-450-10
7	Stem Bushing	Brass	EN 12164
8	Gland	Ductile Iron	EN-GJS-450-10
9	Flat Washer	Carbon Steel Zinc Plated	Grade 8.8 / ISO 898-1
10	Threaded Rod	Carbon Steel Zinc Plated	Grade 8.8 / ISO 898-1
11	Nut	Carbon Steel Zinc Plated	Grade 8.8 / ISO 898-1
12	Yoke	Ductile Iron	EN-GJS-450-10
13	Stem Nut	Brass	EN 12164
14	Washer	Brass	EN 12164
15	Locknut	Carbon Steel Zinc Plated	Grade 8.8 / ISO 898-1
16	Handwheel	Ductile Iron	EN-GJS-450-10
17	Sealing Filler	EPDM	
18	Bonnet Gasket	EPDM	



Notes

1. Standard: EN 1171;
2. Flange specification: DIN EN1092-2 PN16;

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
Type A H1(Close)	323	343	370	442	541	608	720	940	1065	1415	1385	1835	1830	2030
Type A H2(Open)	373	408	450	542	665	758	920	1190	1370	1780	1790	2290	2380	2830
Type B H1(Close)	348	373	408	471	541	593	774	940	1065	1415	1385	1835	1830	2030
Type B H2(Open)	400	440	490	573	665	743	975	1190	1370	1780	1790	2290	2380	2830
D	165	185	200	220	250	285	340	405	460	516	575	635	710	836
D1	125	145	160	180	210	240	295	350/355	400/410	460/470	515/525	565/585	620/650	725/770
d	99	118	132	156	184	211	266	319	370	429	480	530/548	582/609	682/720
C	19	19	19	19	19	19	20	22	24.5	26.5	28	30	31.5	36
T	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-ØL	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø19	8-Ø23	8/12-Ø23	12-Ø23/28	12-Ø23/28	16-Ø23/28	16-Ø28/31	20-Ø28/31	20-Ø28/31	20-Ø31/37

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar

Notes

Specifications, materials and dimensions shown are subject to change without prior notice