



Metal Seated Gate Valve PN16 Outside Screw & Yoke – Rising Stem Fig. VA3195

Specification

- ✓ Manufactured in accordance with EN 1171
- ✓ Metal Seated, Outside Screw & Yoke (OS&Y), Rising Stem Design
- ✓ Bronze Body Seat and Bronze Wedge Seat
- ✓ Flange drilling complies with EN 1092-2, PN16
- ✓ Face-to-Face dimensions comply with EN 558
- ✓ Rated Working Pressure: 16 bar
- ✓ Adjustable Gland Packing For Reliable Stem Sealing
- ✓ Available with Handwheel, Gearbox or Actuator

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10
2	Bonnet	Ductile Iron	EN 1563 EN-GJS-450-10
3	Bonnet Bolts	Carbon Steel	Grade 8.8
4	Body Seat	Bronze	EN 1982 CuSn5Zn5Pb5
5	Wedge	Ductile Iron	EN 1563 EN-GJS-450-10
6	Wedge Seat	Bronze	EN 1982 CuSn5Zn5Pb5
7	Stem	Stainless Steel	EN10088 X20Cr13
8	Stem Nut	Bronze	EN 12167 CuAl10Fe3
9	Lock Nut	Ductile Iron	EN 1563 EN-GJS-450-10
10	Gasket	Graphite	
11	Yoke	Ductile Iron	EN 1563 EN-GJS-450-10
12	Packing	Graphite	
13	Packing Bushing	Brass	EN 1982 CuZn39Pb1
14	Packing Gland	Ductile Iron	EN 1563 EN-GJS-450-10
15	Gland Bolt	Stainless Steel	EN 3506 Grade A2-70
16	Handwheel	Ductile Iron	EN 1563 EN-GJS-450-10
17	Handwheel Nut	Ductile Iron	EN 1563 EN-GJS-450-10

Corrosion Protection

Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Options

- ✓ Stainless Steel Fasteners: A2-70 or A4-70

Main Dimensions (mm)

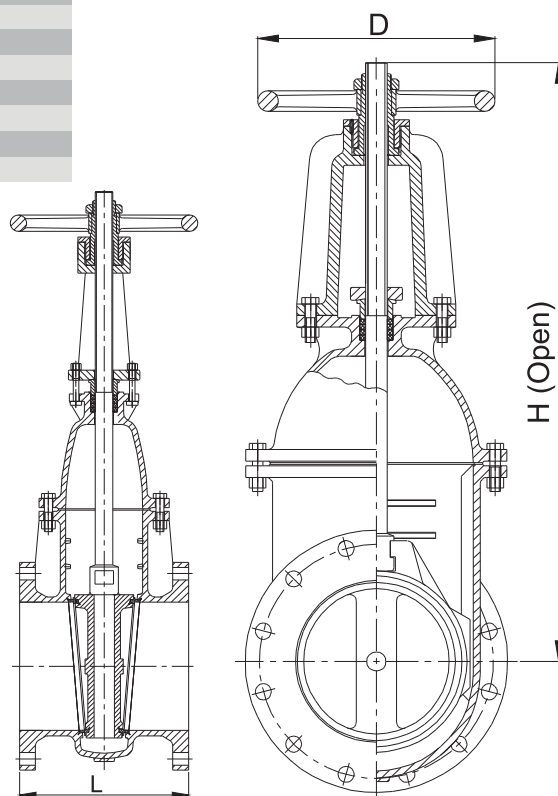
Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200
L	178/7.0	191/7.5	203/8.0	229/9.0	254/10.0	267/10.5	292/11.5
H(Open)	375/14.8	435/17.1	455/17.9	556/21.9	650/25.6	760/30.0	997/39.2
D	190/7.5	190/7.5	190/7.5	250/9.85	305/12.0	305/12.0	356/14.0
Size	DN250	DN300	DN350	DN400	DN450	DN500	DN600
L	330/13.0	356/14.0	381/15.0	406/16.0	432/17.0	457/18.0	508/20.0
H(Open)	1197/47.1	1395/54.9	1590/62.6	1720/67.7	1970/77.6	2090/82.3	2450/96.5
D	405/16.0	457/18.0	558/22.0	558/22.0	610/24.0	610/24.0	610/24.0

PRESSURE/ TEMPERATURE RATING

✓ 16 bar from -10°C to 120°C

HYDROSTATIC TEST PRESSURE

✓ Shell - 24 bar ✓ Seat - 17.6 bar



Size 2" to 24"

Notes

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

