



Metal Seated Gate Valve PN16 Non-Rising Stem Fig. VA3552

Specification

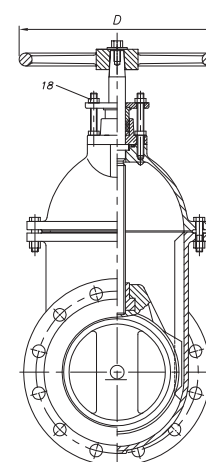
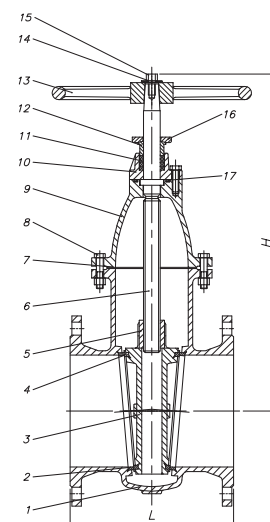
- ✓ Manufactured in accordance with BS EN 1171
- ✓ Metal Seated, Non-Rising Stem (NRS) Design
- ✓ Ductile Iron Body and Wedge
- ✓ Bronze Body Seat and Bronze Wedge Seat
- ✓ Flange drilling complies with EN 1092-2, PN16
- ✓ Face-to-Face dimensions comply with EN 558, Basic Series 3
- ✓ Rated Working Pressure: 16 bar
- ✓ Available with Handwheel, Operating Nut or Gearbox

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN1563,EN-GUS-450-10
2	Body Seat	Bronze	EN1982 CC491K
3	Wedge	Ductile Iron	EN1563,EN-GUS-450-10
4	Wedge Seat	Bronze	EN1982 CC491K
5	Stem Nut	Bronze	EN1982 CuAl10Fe3
6	Stem	Stainless Steel	EN10086 X20Cr15
7	Gasket	Graphite + Stainless Steel	
8	Bolt/Nut	Carbon Steel	Grade 8.8/Grade 8
9	Bonnet	Ductile Iron	EN1563,EN-GJS-450-10
10	Gland	Ductile Iron	EN1563,EN-GJS-450-10
11	Packing	Graphite	
12	Packing Bushing	Brass	EN12164 CuZn39Pb1
13	Handwheel	Ductile Iron	EN1563,EN-GJS-450-10
14	Washer	Stainless Steel	EN10088 X5CrNi18-10
15	Bolt	Carbon Steel	Grade 8.8
16	Packing Gland	Ductile Iron	EN1563,EN-GJS-450-10
17	O-Ring	Rubber	EN681 NBR
18	Stud/Nut	Stainless Steel	EN3506 Grade A2/A4

Corrosion Protection

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



Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	178	191	203	229	254	267	292	330	356
H	255	275	300	340	390	435	590	725	830
D	190	190	190	250	305	305	356	405	457

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C
- WRAS Approved to -10°C to 85°C

HYDROSTATIC TEST PRESSURE

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

Notes

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

