

VdS NRS Resilient Seated Gate Valve

FIG.F0255, Flanged Ends FIG.F0266, Grooved Ends

Specification

- Meet or exceed the requirements of VdS 2100-08en.
- Full Waterway.
- With Bracket Kits.
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Triple O-Ring Stem Seal.
- Face to Face Dimension of F0255 Flanged Ends complies with EN558 Series 14 and F0266 Grooved Ends complies with EN558 Series 3.
- Flange and Drilling comply with EN1092, PN10/16.
- Grooved Ends Dimensions meet VdS 2100-08en.
- VdS Approved.
- CNBOP Certified.
- Rated Working Pressure: 16 bar.

Corrosion Protection

- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

Options

- 10 bar rated.
- Without Bracket Kits.
- Other Flange Types available upon request.

Material Specification

Part	Material	EN Specification
Body	Ductile Iron	EN 1563 EN-GJS-500-7
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Bronze	EN 12165 CuAl10Fe3
Bonnet	Ductile Iron	EN 1563 EN-GJS-500-7
Stem	Stainless Steel	EN 10088 X20Cr13
Gland	Ductile Iron	EN 1563 EN-GJS-500-7
Thrust Collar	Bronze	EN 12165 CuAl10Fe3
Handwheel	Ductile Iron	EN 1563 EN-GJS-500-7
O-Ring	Rubber	EN681 NBR
Bolts	Carbon Steel	Grade 8.8
Body / Bonnet Gasket	Rubber	EN 681 EPDM
Slider	Brass	EN 12164 CuZn39Pb1
Position Plate	Stainless Steel	EN 10088 X5CrNi18-10
Guide	Stainless Steel	EN 10088 X5CrNi18-10
Fixing Plate	Stainless Steel	EN 10088 X5CrNi18-10

Schematic

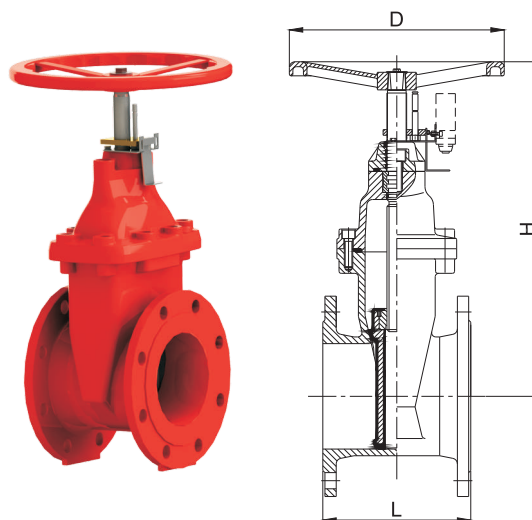


FIG.F0255, FL x FL Ends

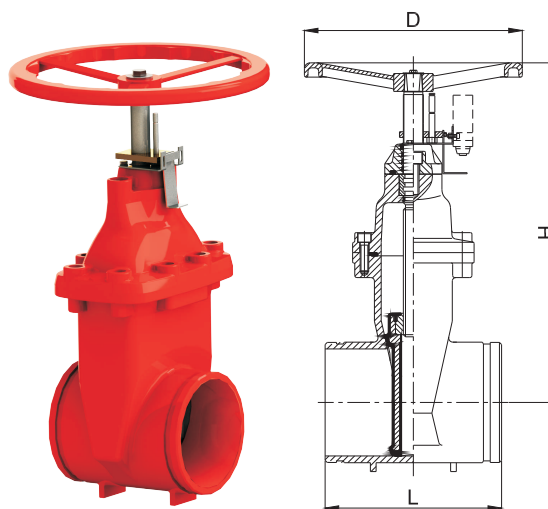


FIG.F0266, GR x GR Ends

Main Dimensions (mm)

Size	2	2.5	3	4	5	6	8	10	12
L (F0255)	150	170	180	190	200	210	230	250	270
L (F0266)	178	190	203	229	254	267	292	330	356
H	320	325	350	400	465	500	625	730	830
D	175	175	255	255	305	305	355	405	405

Note

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