

OS&Y Resilient Seated Gate Valve Flanged Ends & Grooved Ends

FIG. F0199-F
FIG. F0199-G

Specifications

- Adjustable Packing.
- Ductile-Iron Wedge, EPDM Encapsulated.
- Face to Face Dimensions to ANSI / ASME B16.10, EN558, Series 3.
- Flanges can be drilled to ANSI B16.1 Class 125, ASME B16.42 Class 150, AS 2129 Table E.
- Flat Faced Standard, Raised Face Upon Request.
- Grooved Ends to AWWA C606 Standard.
- UL / ULC Listed / FM Approved @ 300 psi rating.
- 3C Certified.

Corrosion Protection

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

Options

- Available with Supervisory Switch.
- ASTM B150 Bronze Stem available.
- ASTM A276 Type 316 Stainless Steel Stem available.
- Stainless Steel Fasteners, A2-70 or A4-70.
- BUNA-S (SBR) and BUNA-N Wedge Encapsulation available.
- Other drilling types available upon request.

Material Specifications

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Stainless Steel	A351 Grade CF8
Bonnet	Ductile Iron	A536 Grade 65-45-12
Yoke	Ductile Iron	A536 Grade 65-45-12
Stem	Stainless Steel	A276 Type 304
Stem Nut	Bronze	B148 C95200
Body/Bonnet Gasket	Rubber	D2000 EPDM
Packing	Graphite	Non-Asbestos
Gland	Ductile Iron	A536 Grade 65-45-12
Gland stud	Stainless Steel	F593 Grade 304
Bonnet Fasteners	Carbon Steel	A307 Grade B
Handwheel	Ductile Iron	A536 Grade 65-45-12

Schematic

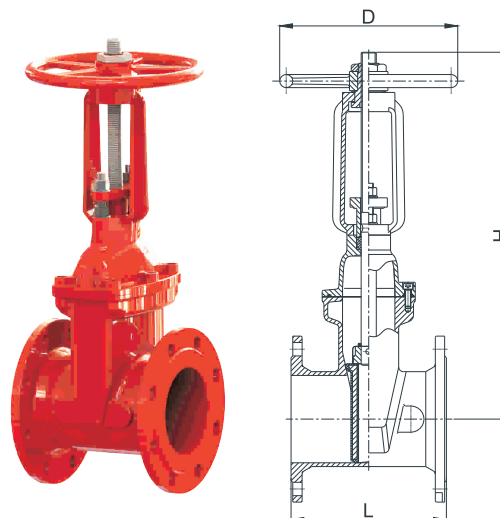


Fig. F0199-F, FL X FL Ends

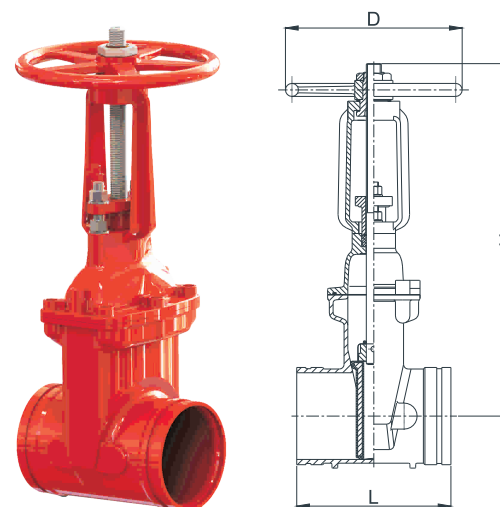


Fig. F0199-G, GR X GR Ends

Main Dimensions (mm/inch)

Size	2	2.5	3	4	5	6	8	10	12
L	178/7.0	191/7.5	203/8.0	229/9.0	254/10.0	267/10.5	292/11.5	330/13.0	356/14.0
H (OPEN)	385/15.2	415/16.3	518/20.4	561/22.1	714/28.1	782/30.8	981/38.6	1244/49.0	1376/54.2
D	183/7.2	183/7.2	253/10.0	253/10.0	306/12.0	306/12.0	355/14.0	445/17.5	445/17.5

Notes

- 2.5" to 12" valves are ULC listed.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.