

NRS Resilient Seated Gate Valve Flanged Ends & Grooved Ends

FIG. F0299-F
FIG. F0299-G

Specifications

- Ductile-Iron Wedge, EPDM Encapsulated.
- Triple O-Ring Stem Seal.
- Face to Face Dimensions to ANSI / ASME B16.10, EN558, Series 3.
- Flange Drilling to ANSI B16.1, Class 125, ASME B16.42, Class 150.
- 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

- 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.
- Available with Handwheel or Operating Nut (w/o Post Flange).

Material Specifications

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron	
Wedge Nut	Bronze	B148 C95200
Bonnet	Ductile Iron	A536 Grade 65-45-12
Stem	Stainless Steel	A276 Type 304
Gland	Ductile Iron	A536 Grade 65-45-12
Body/Bonnet Gasket	Rubber	D2000 EPDM
Bonnet Fasteners	Carbon Steel	A307 Grade B
Post Flange	Ductile Iron	A536 Grade 65-45-12
Operating Nut	Ductile Iron	A536 Grade 65-45-12

Schematic

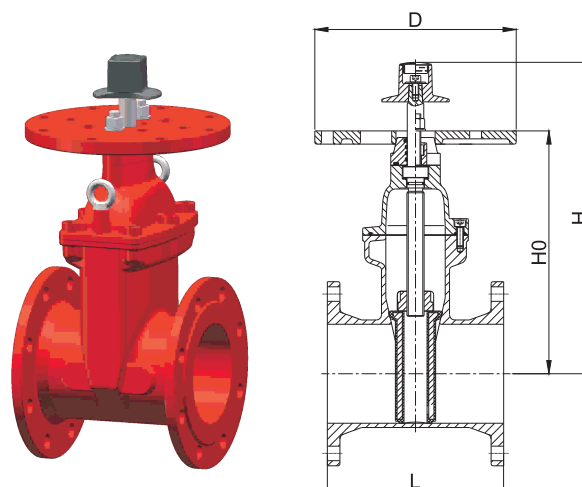


Fig. F0299-F, FL X FL Ends

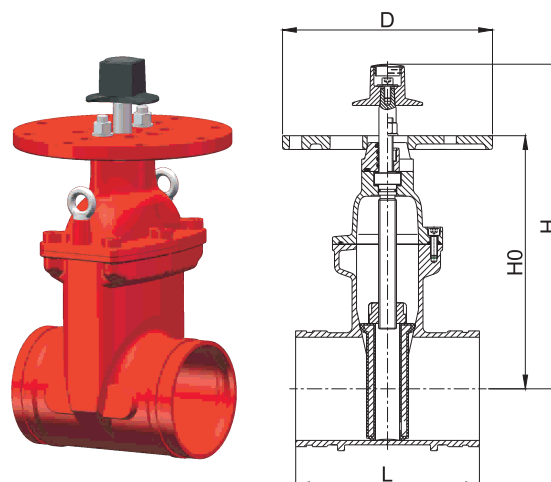


Fig. F0299-G, GR X GR Ends

Main Dimensions (mm/inch)

Size	2	2-1/2	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
H0	190/7.5	210/8.3	240/9.4	270/10.6	330/13.0	370/14.6	465/18.3	560/22.0	640/25.2
H	277/10.9	295/11.6	336/13.2	361/14.2	432/17.0	472/18.6	570/22.4	665/26.2	747/29.4
D	305/12.0	305/12.0	305/12.0	305/12.0	305/12.0	305/12.0	305/12.0	305/12.0	305/12.0

Notes

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