

NRS Resilient Seated Gate Valve Flanged Ends & Grooved Ends & PO Ends

FIG. 3042

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.
- Push-on Joint Outlet complies with ANSI/AWWA C111/A21.11 for size 4"-12", 2.5"-3" Connecting steel pipe complies with ASME B36.10.
- Flat Faced Standard, Raised Face Upon Request.
- Grooved Ends to AWWA C606 Standard.

Corrosion Protection

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

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

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.
- Other material types are available upon request.
- Available with Handwheel or Operating Nut (w/o Post Flange).

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
L-PO xPO	-	273/10.8	305/12.0	351/13.8	-	376/14.8	454/17.9	468/18.4	473/18.6
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

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

Schematic

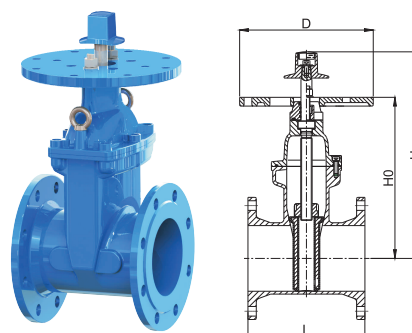


Fig. 3042, FL X FL Ends

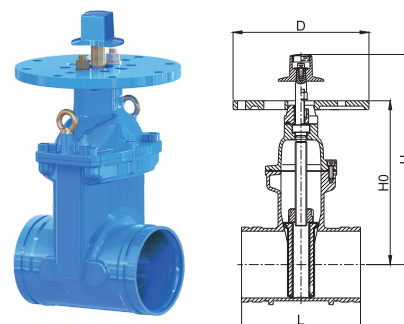


Fig. 3042, GR X GR Ends

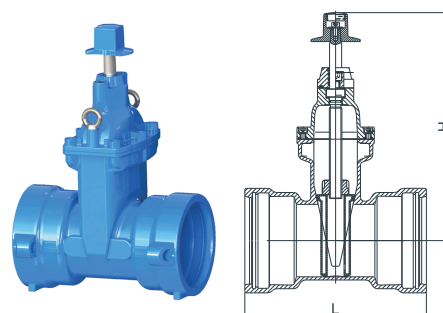


Fig. 3042, PO X PO Ends