

NRS Resilient Seated Gate Valve Groove Ends, 300PSI

FIG · F0222-300

Specifications

- Complies with AWWA C515 Standard.
- Non-Rising Stem.
- 4" to 12" Size provided with indicator post plate. Other sizes – plate provided only when specified at time or order.
- Triple O-rings stem seal.
- NPT plug on body.
- Groove End to AWWA C606 Standard or Metric Dimensions.
- UL/ULC Listed and FM Approved.
- GOST Certification.

Working Pressure

- 300PSI.
- 200PSI and 250PSI available on request.

Working Temperature

- -10°C to 82°C.

Corrosion Protection

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

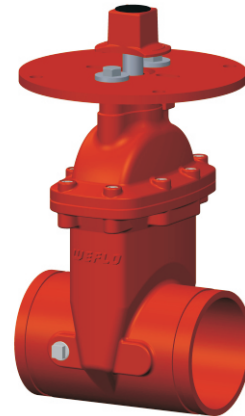
Notes:

- *Design and material are subject to change without notice.*
- *Stem Material: should be changed to SS304, option SS316 and other series 300 stainless steel, Bronze.*

Material Specifications

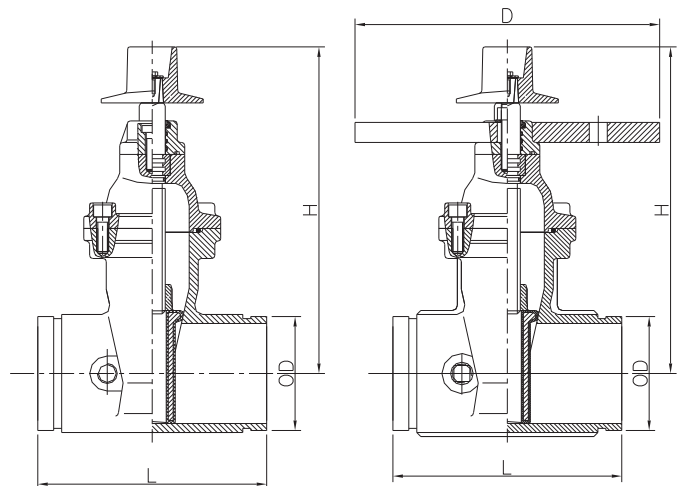
Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Bronze	C95200
Stem	Stainless Steel	AISI 304
Bonnet	Ductile Iron	A536 65-45-12
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Ductile Iron	A536 65-45-12
Thrust Collar	Bronze	C95200
O-ring	Rubber	EPDM
Post Flange	Ductile Iron	A536 65-45-12
Operating Nut	Ductile Iron	A536 65-45-12
NPT Plug	Malleable Iron	Commercial
Post Flange Bolt	Stainless Steel	AISI 316
Bonnet Bolt	Carbon Steel	A307 B

Schematic



Size 2.5" & 3"

Size 4" to 12"



Dimensions (mm/inch)

Size	2.5"		3"		4"		5"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
OD	73.0	2-7/8	88.9	3-1/2	114.3	4-1/2	139.7	5-1/2	165.1	6-1/2	219.1	8-5/8	273.0	10-3/4	323.9	12-3/4
	76.1	3					141.3	6-9/16	168.3	6-5/8						
L	190.5	7-1/2	203	8	229	9	254	10	267	10-1/2	292	11-1/2	330	13	356	14
H	270	10-5/8	296	11-5/8	350	13-3/4	410	16-1/8	455	17-15/16	545	21-7/16	645	25-3/8	730	28-3/4
D	--	--	--	--	305	12	305	12	305	12	305	12	305	12	305	12
Weight (kg)	11.3		13.6		28		36.5		43.5		66		103		144	

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