



AF07

NRS RESILIENT SEATED GATE VALVE FLANGED END

AF07-300F-01, 2,5" - 12"

NRS Resilient Seated Gate Valve with flanged ends, designed for reliable isolation and low-pressure loss in water distribution systems.



Application:



Fire Protection

Design features

- Non-Rising Stem, Resilient Seated
- Triple O-rings stem seal
- NPT plug on body with 2 operating nut

Technical Details

Maximum Working Pressure PFA:
300 PSI / 20,7 bar for 3"-12"

Certification:
UL Listed and FM Approved

Working temperature:
42 °F to 180 °F (6 °C to 82 °C)

Connection:
Flanges to ANSI B16.1 Class125
ANSI B16.5 Class150 or EN 1092-2 PN16
(other flanged types available on request)

Construction complies to:
Complies with AWWA C515 Standard

Coating:
300 µm FBE coating, external and internal to AWWA C550

Installation:

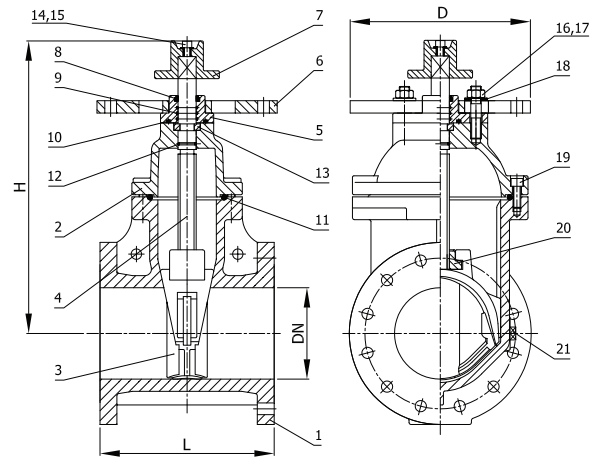
Valves installed in horizontal piping systems should have the stems oriented vertically. Valves installed in vertical piping systems should have the stems oriented horizontally.





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No	Part Name	Material - ASTM Specification
1	Body	Ductile Iron EN-GJS-500-7
2	Bonnet	Ductile Iron EN-GJS-500-7
3	Disc	Ductile Iron, EPDM Encapsulated
4	Stem	Stainless Steel AISI 304
5	Gland	Ductile Iron EN-GJS-500-7
6	Treminal Pad	Ductile Iron EN-GJS-500-7
7	Link Block	Ductile Iron EN-GJS-500-7
8	Sealing Gland	Elastomer EPDM
9	O-Ring	Elastomer EPDM
10	Sealing Ring	Elastomer EPDM
11	Sealing Ring	Elastomer EPDM
12	O-Ring	Elastomer EPDM
13	Retaining Ring	C95400
14	Flat Washer	Stainless Steel AISI 304
15	Inner Hexagon Screw	Stainless Steel AISI 304
16	Nut	Stainless Steel AISI 304
17	Studs	Stainless Steel AISI 304
18	Washer	Steel 1045
19	Inner Hexagon Screw	Steel 1045
20	Masterscrew	C95400
21	Plug	C95400



Dimension (mm & kg)

Size		65/2.5	80/3	100/4	125/5	150/6	200/8	250/10	300/12
AF07-300F-01	ANSI Class150	AM0508	AM0509	AM0510	AM0511	AM0512	AM0513	AM0514	AM0515
	ANSI Class125	AM0590	AM0591	AM0592	AM0593	AM0594	AM0595	AM0596	AM0597
	EN 1092-2 PN16	AM0589	AM0501	AM0502	AM0503	AM0504	AM0505	AM0506	AM0507
L	[inch]	7-1/2	8	9	10	10-1/2	11-1/2	13	14
	[mm]	190	203	229	254	267	292	330	356
H	[mm]	292	322	342	412	448	534	635	720
D	[mm]	305	305	305	305	305	305	305	305
Weight (kg)		20,2	25	34	56,4	71,2	122	140,8	201,6