



RADIUS
AEON

AF07/1 **RESILIENT SEATED NRS GATE VALVE FLANGED END TYPE AF07-300F-01**

DN65 - DN300 (3" - 12")

Its compact non-rising stem design makes it ideal for underground and space-constrained installations, while flanged ends ensure secure and easy connection to pipeline networks.



Application:



Fire Protection

Design features

- Rising Stem, Resilient Seated
- Triple O-rings stem seal
- NPT plug on body with 2 operating nut
- Cold-rolled threaded stem
- Stainless steel bonnet screws embedded with hot-melt mass

Technical Details

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

Certification:
UL Listed i FM Approved,
Hygienic Certificate PZH

Working temperature:
42 °F to 180 °F (6 °C do 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:
AWWA C515

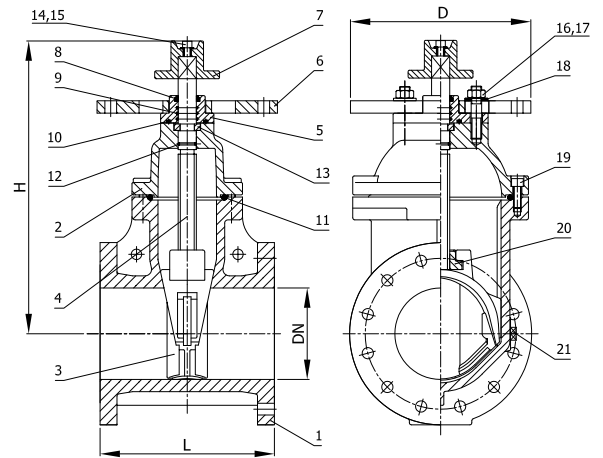
Coating:
250 µm (300 middle east) FBE coating, external
and internal to AWWA C550





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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Bonnet	Ductile Iron EN-GJS-500-7
3	Wedge	Ductile Iron, EPDM Encapsulated
4	Stem	Stainless Steel AISI 304
5	Gland	Ductile Iron EN-GJS-500-7
6	Terminal Pad	Ductile Iron EN-GJS-500-7
7	Link Block	Ductile Iron EN-GJS-500-7
8	Sealing Gland	Elastomer EPDM
9	O-ring Seal	Elastomer EPDM
10	O-Ring	Elastomer EPDM
11	Sealing Ring	Elastomer EPDM
12	Sealing Ring	Elastomer EPDM
13	Retaining Ring	Bronze 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	Wedge Nut	Bronze C95400
21	Plug	Bronze C95400



Dimension (mm & kg)

DN (Inch)		65 (2.5")	80 (3")	100 (4")	125 (5")	150 (6")	200 (8")	250 (10")	300 (12")
AF04/1	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