Non-rising Stem Resilient Seated Gate Valve
NRGV Series (AWWA C515/509)

WALTER NRGV Model Non-rising Stem Resilient Seated Gate Valve is a soft seal disc which is fully encapsulated with rubber. The valve is designed with new technology for light operating, no clogging and no corrosion, good resilient memory & long service life. It can be used extensively in all kinds of water supply & sewage, fire-fighting and function as a shut-off or regulating valve.





Technical Data	
Size range	DN50-DN600
Pressure range	Class 150
Temperature	-10°℃ to +80℃
Design	AWWA C515
Face to face	ANSI B16.1
Flange drilling	ANSI B16.1
Coating	Thermoplastic Powder Epoxy
Testing	EN 12266-1
Marking	AWWA C515
Coating Blue Color	RAL 5005
	RAL 5010
	RAL 5015
	Custom made

Application Range

- Potable water
- Waste water
- Water treatment and distribution systems
- Food and chemical enterprises
- HVAC
- Power plants

Operation Versions

- Hand wheel
- Bare shaft
- Operation cap
- ISO top flange
- Gearbox and hand wheel
- Gearbox and top flange
- Electrical and Pneumatic

- Body & Cover are made of high grade Ductile Iron.
- Disc is designed with an abrasion resistant nylon guide which can help less opening or closing torque and smooth during operation.
- Forged stem provide stronger stem operation and less moving parts.
- Disc is covered by high-grade rubber which complies with drinking water.
- High-tech rubber curing with precise geometry dimensions, more resilient & strong adhesive to ductile casting.

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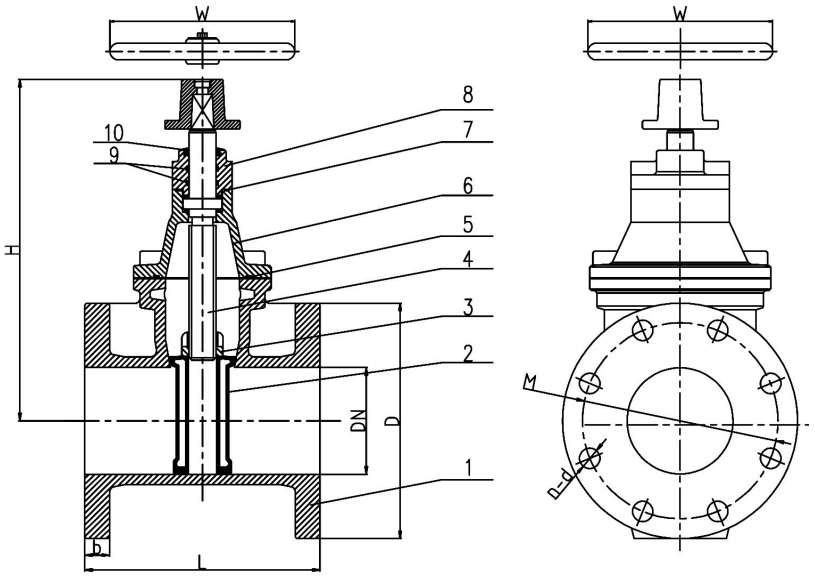
WALTER Fire Systems&Valve

• The 3 O-ring stem seals are designed to prevent stem leakage. and provide replacement of the O-ring without disassembling of valve from mainline pipes.

• Both inside & outside are coated with epoxy resin powder.

• Hydro-static test pressure for seat: PN x 1.1 , for shell: PN x 1.5 according to EN 12266-1.

★ Material & Dimension (Class 150 mm)



No.	Name	Materials
1	Body	Ductile Iron GGG50
2	Disc	EPDM+Ductile Iron GGG50
3	Thrust Nut	Brass / Bronze
4	Stem	Stainless Steel AISI 304/ 316
5	Gasket	NBR
6	Bonnet	Ductile Iron GGG50
7	O Ring	NBR
8	Gland	Brass / Bronze
9	O Ring	NBR
10	Stem Nut	Brass / Bronze

INCH	DN	L	H	M	D	b	n-d	W
2"	50	178	250	120.5	152	16	4 - Φ19	180
2.5"	65	190	283	139.5	178	18	4 - Φ19	180
3"	80	203	270	152.5	191	19.1	4 - Φ19	200
4"	100	229	320	190.5	229	24	8 - Φ19	250
5"	125	254	435	216	254	24	8 - Φ22	280
6"	150	267	485	241.5	279	25.4	8 - Φ22	300
8"	200	292	515	298	343	28.6	8 - Φ22	350
10"	250	330	610	362	406	30	12 - Φ25	400
12"	300	356	695	432	483	31.8	12 - Φ25	500
14"	350	381	840	476.5	533	35	12 - Φ29	600
16"	400	406	970	539.5	597	36.6	16 - Φ29	600