

Resilient-Seated Gate Valve AWWA C515 250PSI

Resilient Seated Gate Valve, which is designed and manufactured for use in water, waste water, and sewage. Main usage is for isolation purposes. Full bore design makes it possible to be used bi-directionally and the fluid could clean the sealing surface area every time the valve is opened.



Main Features

- Huge convenience in daily water-using and repairing
If sealing parts in the bonnet are broken, we could replace the sealing parts with the valve completely open when the valve is still in the pipeline.
- Class A sealing (ZERO LEAKAGE)
- 100% testing before packing and delivery.
- Completely free and full bore self-cleaning & low-pressure loss.
- Clockwise closing (CWC) as standard, anticlockwise closing upon request.
- Operation: Manual handwheel, Square Cap, Extension Spindle.
- Bonnet bolts are in Galvanized Carbon Steel, and sealed with hot melt to prevent corrosion. Other materials upon request.
- O-ring bonnet gasket wraps each bolt to prevent corrosion.
- Linear sealing design provides better sealing & lower closing torque.
- WRAS approved for drinking water.

Standards

- Design: AWWA C515
- Flanges: ASME B16.5 / CL150
- Face to face Length: ASME B16.10
- Tests: AWWA C515 / API 598
- Coating: AWWA C550 thickness 250micron

Service Fields

- Water and neutral liquid applications
- Main transmission pipelines
- Irrigation system
- Fire fighting

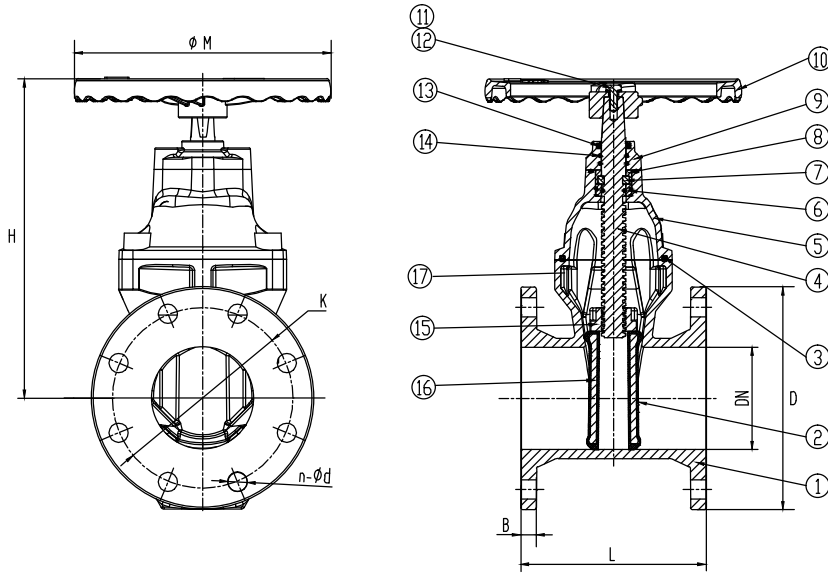


Resilient Seated Gate Valve

Non-Rising Stem

AWWA C515 RSGV

PART LIST & DIMENSIONS



17	Screw	CARBON STEEL GALVANIZED
16	Disc Core	DUCTILE IRON
15	Stem Nut	CuZn39Pb1 Brass
14	O Ring	NBR
13	Dustcover	NBR
12	Flat Washer	AISI304 STAINLESS STEEL
11	Bolt	AISI304 STAINLESS STEEL
10	Handwheel/Cap	DUCTILE IRON
9	Gland	DUCTILE IRON
8	Thrust Sleeve	CuZn39Pb1 Brass
7	Holding Ring	CuZn39Pb1 Brass
6	Thrust Washer	CuZn39Pb1 Brass
5	Bonnet	DUCTILE IRON
4	Stem	AISI420 STAINLESS STEEL
3	Bonnet Gasket	NBR
2	Disc	EPDM+DUCTILE IRON
1	Body	DUCTILE IRON

SIZE		Outline (mm)			Flange dimensions (mm)				Switch Turns	Closing Torque (N.m)
		ANSI B16.10	ϕM	H	ASME B16.1/16.42 Class 125/150					
DN	Inch	L			D	K	n- ϕd	B		
DN40	1 1/2 "	165	$\Phi 180$	215	127	98.5	4- $\phi 16$	19	9	30
DN50	2 "	178	$\Phi 180$	215	152	120.5	4- $\phi 19$	19	9	40
DN65	2 1/2 "	190	$\Phi 200$	250	178	139.5	4- $\phi 19$	22.3	10	50
DN80	3 "	203	$\Phi 200$	275	191	152.5	4- $\phi 19$	23.8	12	60
DN100	4 "	229	$\Phi 220$	320	229	190.5	8- $\phi 19$	23.8	12	80
DN125	5 "	254	$\Phi 254$	365	254	216	8- $\phi 19$	23.8	14.5	100
DN150	6 "	267	$\Phi 280$	400	279	241.5	8- $\phi 22$	25.4	17	120
DN200	8 "	292	$\Phi 315$	495	343	298.5	8- $\phi 22$	28.6	18.5	150
DN250	10 "	330	$\Phi 406$	590	406	362	8- $\phi 22$	30.2	23	200
DN300	12 "	356	$\Phi 406$	670	483	432	12- $\phi 25$	31.8	27	250
DN350	14 "	381	$\Phi 500$	760	535	476.5	12- $\phi 28$	35	30.5	300
DN400	16 "	406	$\Phi 500$	850	595	540	16- $\phi 28$	36.5	34.5	350

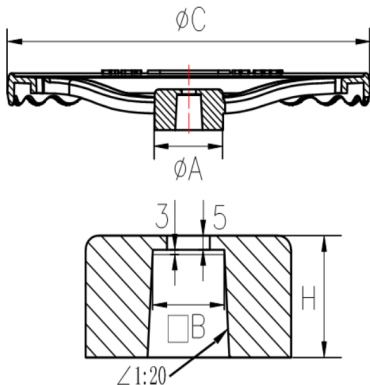
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DI/steel Handwheel



valve size	ϕC	A	$\square B$	H
DN40-50	$\Phi 180$	40	$\square 14$	22
DN65-80	$\Phi 200$	48	$\square 17$	22
DN100	$\Phi 220$	50	$\square 19$	31
DN125	$\Phi 254$	55	$\square 19$	31
DN150	$\Phi 280$	55	$\square 19$	31
DN200	$\Phi 315$	65	$\square 24$	31
DN250-300	$\Phi 406$	72	$\square 27$	36
DN350-400	$\Phi 500$	66	$\square 30$	36
DN450-600	$\Phi 650$	85	$\square 30$	48



ANSI Square Cap

