

RESILIENT SEATED GATE VALVE



Resilient Seated Gate Valves are used for general purpose on/off operations in municipal, agricultural and industrial infrastructural networks. The sealing is achieved by the vulcanized rubber on the wedge acting directly on the body internal wall.

Opening and the closing is done by CCW and CW rotary motion of the non-rising stem, respectively. This action moves the wedge up and down, confined and guided on the monoblock internal ribs of the body.

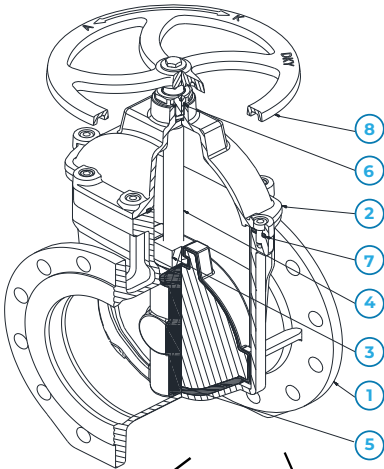
The wedge is fitted in the shell form on the cover, leaving no visual form in the direction of flow. This ensures the laminar flow through the valve with virtually no sensible head loss.

MATERIAL FEATURES

NO	PART NAME	MATERIAL	OPTION
1	BODY	EN GJS 400-15	EN GJS 500-7
2	BONNET	EN GJS 400-15	EN GJS 500-7
3	STEM NUT	Ms58	-
4	STEM	AISI420	DUPLEX
5	WEDGE	EN GJS 400-15 + EPDM	-
6	O-RINGS	EPDM	NBR
7	SEAL	EPDM	NBR
8	HANDWHEEL	EN GJL 250	-
CONNECTION ELEMENTS		A2	A4

TECHNICAL SPECIFICATIONS

Nominal Dia	DN50 – DN700
Nominal Pressure	PN10 - 16 - 25 (DN50-DN250), PN10-16 (DN300-DN700)
Design Standard	EN 1171
Flange Standard	EN 1092-2
Marking	EN 19
Dimensions	DIN 3202-F4 / EN 558-S14
Test Standard	EN 12266-1
Operating Temperature	-10 °C ... +50 °C
Coating	Thermoplastic / Electrostatic Epoxy



APPLICATION AREAS

1

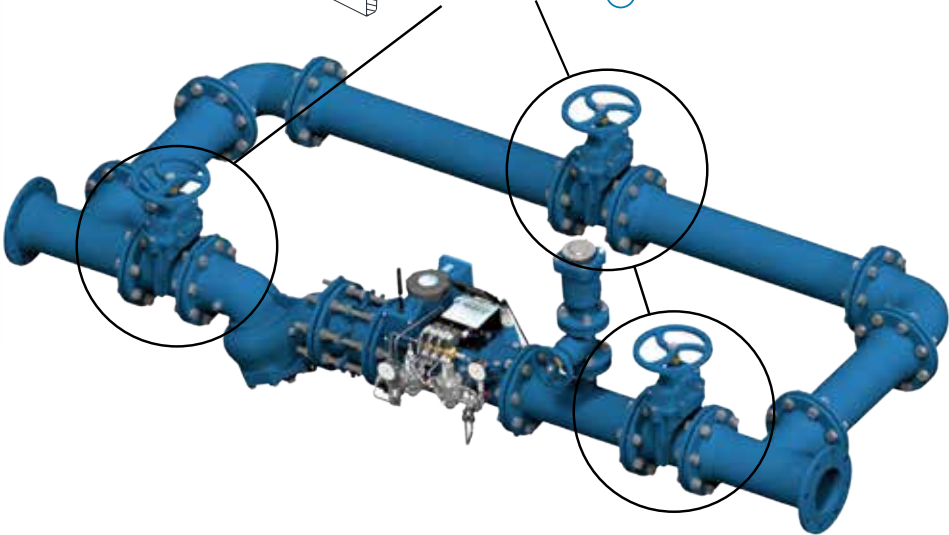
Drinking Water

2

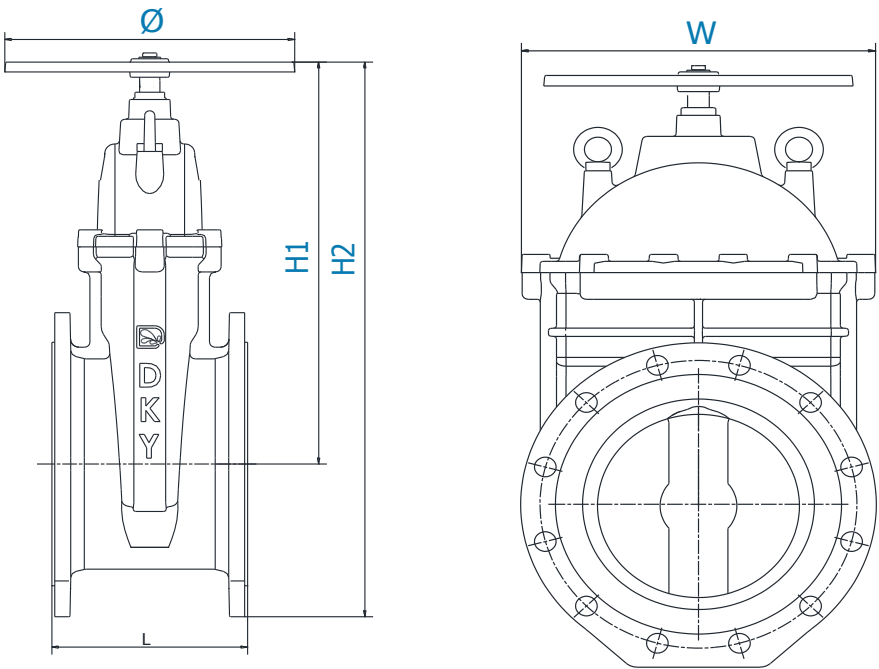
Industrial

3

Irrigation Systems



DIMENSIONS



DN	PN	L	Ø	W	H ₁	H ₂	KG
50	10 - 16 - 25	150	150	165	191,5	276	10
65	10 - 16 - 25	170	150	185	227	312	13
80	10 - 16 - 25	180	200	200	248	343	15
100	10 - 16	190	200	220	285	390	19
	25	190	200	235	290	395	22
125	10 - 16	200	250	250	310	440	26
	25	320	250	270	320	450	32
150	10 - 16	210	250	285	365	500	32
	25	210	250	300	370	505	35
200	10	230	300	340	450	620	48
	16	230	300	340	450	620	50
	25	230	300	240	450	620	55
250	10	250	400	405	530	735	78
	16	250	400	405	530	745	80
	25	250	400	425	530	745	83
300	10	270	400	460	624	860	115
	16	270	400	460	624	860	119
350	10	290	550	550	785	1045	195
	16	290	550	550	785	1045	200
400	10	310	550	580	880	1170	270
	16	310	550	580	880	1170	275
450	10	330	550	640	885	1200	285
	16	330	550	640	885	1200	290
500	10	350	1000	1000	1150	1500	485
	16	350	1000	1000	1150	1500	500
600	10	425	1000	1000	1300	1725	660
	16	425	1000	1000	1300	1725	670
700	10	470	1000	1000	1300	1750	700
	16	430	1000	1000	1300	1750	710