

Product description:

Flanged resilient seated gate valve used for potable water and other neutral liquids.

Working temperature from 0°C (no frost) to 80 °C

Standards:

- Designed according to DIN3352
- Face to face length according to DIN3202 F4
- Flanges connection according to BS1092-2

Pressure tests:

All valves are individually hydrostatically tested according to BS EN12266-1 and EN1074

- Seal: 1,1 x PN (in bar)
- Body: 1,5 x PN (in bar)

Corrosion protection:

- RAL 5005 epoxy powder painting
- Applied internally and externally with a minimum layer thickness of 250 µm
- Fixing elements protected from external aggressions with wax coating

Approvals:

- PED-H 2020-T029 certificate, category III / model H
- WRAS certificate no.2001315 for use in contact with drinking water

Characteristics:

- Resilient seated gate valve certified for drinking water
- Body and bonnet in ductile iron GGG50
- SS420 stainless steel stem
- GGG50 ductile iron wedge covered with a thick layer of EPDM elastomer
- Ribs on the outer face of the wedge to facilitate its guidance on the body
- A2-70 stainless steel body/bonnet bolts, protected by wax coating
- PN10/16 up to DN150 and both options for sizes ≥ DN200
- Actuated with a handwheel up to DN600 and with gearbox for DN≥700

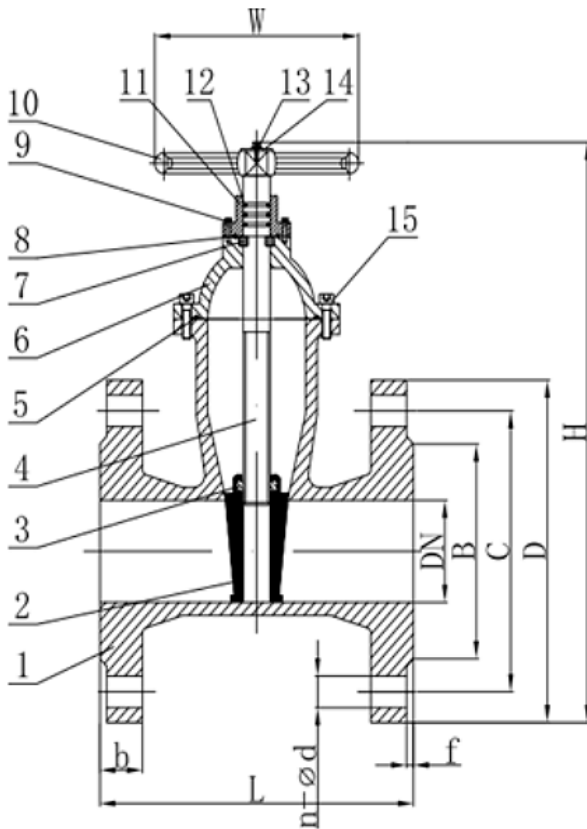


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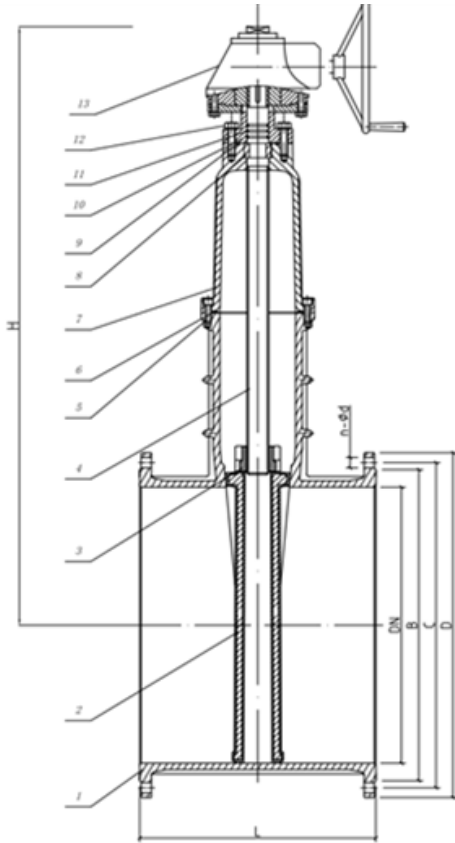
DN40 - DN600



No.	Parts	Materials
1	Body	GGG50
2	Wedge	GGG50+EPDM
3	Stem nut	Brass
4	Stem	SS420
5	Gasket	EPDM
6	Bonnet	GGG50
7	Locating ring	Brass
8	O-ring	EPDM
9	Bolt	A2-70
10	Handwheel	Painted carbon steel
11	Gland	GGG50/Brass
12	O-ring	EPDM
13	Nut	A2-70
14	Washer	A2-70
15	Bolt	A2-70

DN	L	D		C		B		n-d		b		f	w	h	Weight (kg)
		PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16				
40	140	150	150	110	110	84	84	4-19	4-19	19	19	3	160	265	8.5
50	150	165	165	125	125	99	99	4-19	4-19	19	19	3	160	280	8.5
65	170	185	185	145	145	118	118	4-19	4-19	19	19	3	160	305	10
80	180	200	200	160	160	132	132	4-19	8-19	19	19	3	180	350	12.5
100	190	220	220	180	180	156	156	8-19	8-19	19	19	3	200	390	18
125	200	250	250	210	210	184	184	8-19	8-19	19	19	3	250	470	25
150	210	285	285	240	240	211	211	8-23	8-23	19	19	3	250	525	35
200	230	340	340	295	295	266	266	8-23	12-23	20	20	3	300	630	50
250	250	405	405	350	355	319	319	12-23	12-28	22	22	3	350	780	74
300	270	460	460	400	410	370	370	12-23	12-28	24.5	24.5	4	350	870	109
350	290	520	520	460	470	429	429	16-23	16-28	24.5	26.5	4	480	1100	150
400	310	580	580	515	525	480	480	16-28	16-31	24.5	28	4	480	1200	210
450	330	615	640	565	585	548	548	20-28	20-31	25.5	30	4	480	1300	295
500	350	670	715	620	650	582	582	20-28	20-34	26.5	31.5	4	550	1450	335
600	390	780	840	725	770	682	682	20-31	20-37	30	36	4	550	1650	450

DN700 - DN1200



No.	Parts	Materials
1	Body	GGG50
2	Wedge	GGG50+EPDM
3	Stem nut	Brass
4	Stem	SS420
5	Bolt	Alloy steel
6	Gasket	EPDM
7	Bonnet	GGG50
8	Locating ring	Brass
9	O-ring	EPDM
10	Gland	GGG50
11	O-ring	EPDM
12	Bolt	Alloy steel
13	Gearbox cover	GGG50

DN	L	D		C		B		n-d		H	Weight
		PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16		
	mm	PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16	mm	(kg)
700	430	895	910	840	840	794	794	24-31	24-37	1320	950
800	470	1015	1025	950	950	901	901	24-34	24-40	1490	1300
900	510	1115	1125	1050	1050	1001	1001	28-34	28-40	1700	1650
1000	550	1230	1255	1160	1170	1112	1112	28-37	28-43	1875	2600
1200	630	1455	1485	1380	1390	1328	1328	32-41	32-49	2350	3250