

RISING RESILIENT SEATED GATE VALVE

Introduction

- Resilient seated gate valves are the perfect solution as a closing device in pipeline systems;
- Because of the straight bore all impurities can pass through the valve without doing any harm. Combined with the full bore it will prevent pressure loss caused by turbulence;
- The high quality rubber on the wedges is characterized by low deformation and high impact resistance which combined with the large valve seat area gives optimum tightness;
- Bolted Bonnet; Outside Screw & Yoke;
- Rising Stem;

Application

- Be suitable in applications with water supply, sewage treatment and neutral liquids in the mining industry, enterprises and high buildings;
- Suitable temperature: $\leq 80^{\circ}\text{C}$;
- Working pressure: PN10, PN16;
- Caution: FREEZING WEATHER PRECAUTION - Subsequent to testing a piping system, gate valves should be left in an open position to allow complete drainage.



Standards

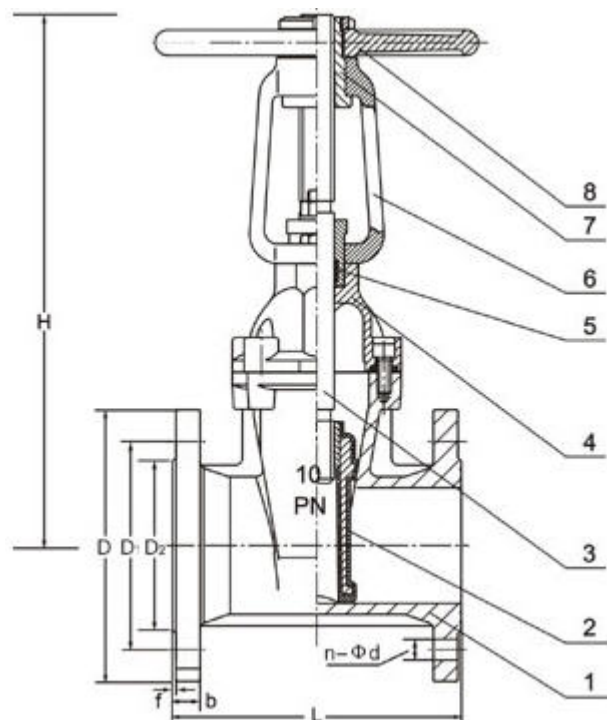
- Design and manufacture: BS5163, DIN3352
- Face to face dimension: BS2080, DIN3202, JIS B2002, GB/T12221
- Connection dimension of flange: GB4216, ISO7005, DIN2501

Tests

- Test according to GB/T13927
- Nominal pressure: PN (MPa)
- Body: PN X 1.5
- Seal: PN X 1.1

Parts list and Materials

Item	Parts	Materials
1	Body	Cast iron, Ductile iron, Carbon steel
2	Wedge	Ductile iron, Carbon steel, core fully vulcanized with EPDM rubber, with integral wedge nut of dezincification resistant brass
3	Stem	Stainless steel
4	Bonnet	Cast iron, Ductile iron, Carbon steel
5	Packing Gland	Cast iron, Ductile iron, Carbon steel
6	Adapter	Carbon steel
7	Stem nut	Dezincification resistant brass
8	Hand wheel	Cast iron, Forging steel



Dimensions

Nominal Size		L (mm)	b (mm)	f (mm)	D ₂ (mm)	D (mm)	D1 (mm)		Φ d (mm)		Hole (mm)	
DN	NPS						PN1.0	PN1.6	PN1.0	PN1.6	PN1.0	PN1.6
40	1 1/2	180	18	3	88	150	110		18		4	
50	2	180	20	3	102	165	125		18		4	
65	2 1/2	190	20	3	122	185	145		18		4	
80	3	240	20	3	138	200	160		18		8	
100	4	250	22	3	158	220	180		18		8	
125	5	254	22	3	188	250	210		18		8	
150	6	280	23	3	212	285	240		22		8	
200	8	300	23	3	268	340	295		22		8	12
250	10	380	24	3	320	405	350	355	22	26	12	12
300	12	400	26	4	378	460	400	410	22	26	12	12
250	14	430	27	4	438	520	460	470	22	26	16	16
400	16	406	28	4	490	580	515	525	26	30	16	16
450	18	432	30	4	550	640	565	585	26	30	20	20

*Note: The information herein is subject to change without notice.