

Gateway valves – BS – PN10-16 - DN50-300



The Gateway resilient seated gate valve is fully compliant to BS EN 1074-2 and BS5163-1. Its lightweight design constructed in ductile iron offers a robust and durable valve. The valve is suitable for use in potable water systems and buried service.

Available options:

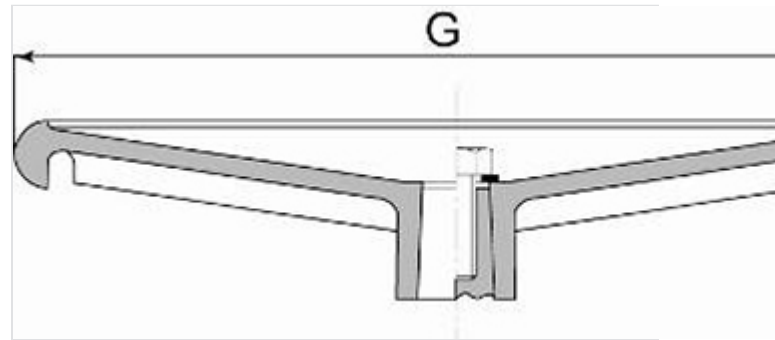
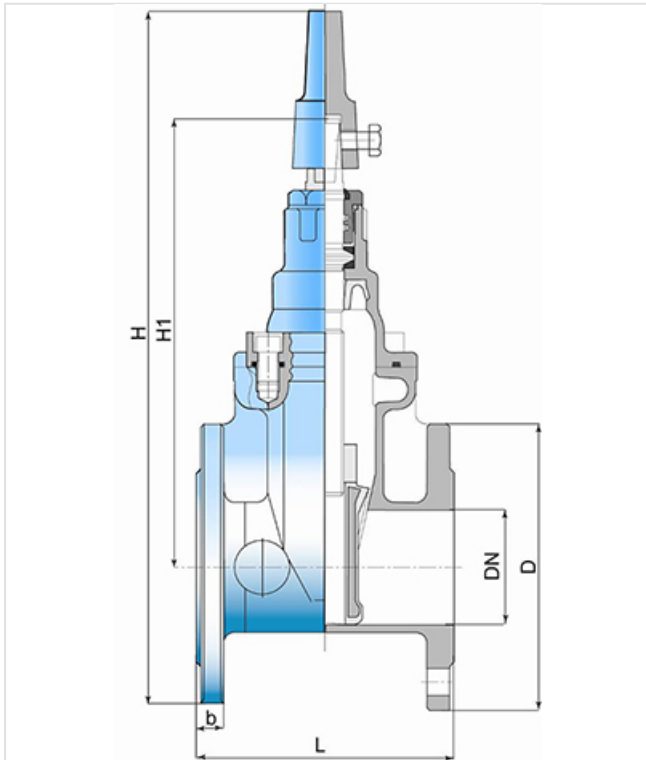
- Without accessory
- Cap top operated
- Handwheel operated
- Clockwise close & anti-clockwise close

DN (mm)	Closing direction	Version	L (mm)	D (mm)	H (mm)	H1 (mm)	b (mm)	G (mm)	PN 10		PN 16	
									Mass (kg)	References	Mass (kg)	References
50	Clockwise	Cap	178	165	426	269	19	Ø200	10.20	RWA50LACH	10.20	RWA50LACH
65	Clockwise	Cap						Ø200	13.50	RWA65LACH	13.50	RWA65LACH
80	Clockwise	Cap	203	200	514	336	19	Ø260	16.30	RWA80LACH	16.30	RWA80LACH
100	Clockwise	Cap	229	220	547	359	19	Ø260	25.00	RWB10LACH	25.00	RWB10LACH
125	Clockwise	Cap	254	250	634	424	19	Ø375	33.50	RWB12LACH	33.50	RWB12LACH
150	Clockwise	Cap	267	285	669	441	19	Ø375	43.50	RWB15LACH	43.50	RWB15LACH
200	Clockwise	Cap	292	340	801	546	20	Ø375	69.50	RWB20LABH	69.50	RWB20LAAH
250	Clockwise	Cap	330	400	927	637	22	Ø420	115.30	RWB25LABH	115.30	RWB25LAAH
300	Clockwise	Cap	356	455	1036	719	24.5	Ø500	173.40	RWB30LABH	173.40	RWB30LAAH

DN (mm)	Closing direction	Version	L (mm)	D (mm)	H (mm)	H1 (mm)	b (mm)	G (mm)	PN 10		PN 16	
									Mass (kg)	References	Mass (kg)	References
50	Anti-Clockwise	Cap	178	165	426	269	19	Ø200	10.20	RWA50LDCH	10.20	RWA50LDCH
65	Anti-Clockwise	Cap						Ø200	13.50	RWA65LDCH	13.50	RWA65LDCH
80	Anti-Clockwise	Cap	203	200	514	336	19	Ø260	16.30	RWA80LDCH	16.30	RWA80LDCH
100	Anti-Clockwise	Cap	229	220	547	359	19	Ø260	19.30	RWB10LDCH	19.30	RWB10LDCH
125	Anti-Clockwise	Cap	254	250	634	424	19	Ø375	29.20	RWB12LDCH	29.20	RWB12LDCH
150	Anti-Clockwise	Cap	267	285	669	441	19	Ø375	34.70	RWB15LDCH	34.70	RWB15LDCH
200	Anti-Clockwise	Cap	292	340	801	546	20	Ø375			61.10	RWB20LDAH
250	Anti-Clockwise	Cap	330	400	927	637	22	Ø420			99.80	RWB25LDAH
300	Anti-Clockwise	Cap	356	455	1036	719	24.5	Ø500			152.30	RWB30LDAH

DN (mm)	Closing direction	Version	L (mm)	D (mm)	H (mm)	H1 (mm)	b (mm)	G (mm)	PN 10		PN 16	
									Mass (kg)	References	Mass (kg)	References
200	Clockwise	Bare shaft	292	340	801	546	20	Ø375	68.00	RWB20LBBH	68.00	RWB20LBAH
250	Clockwise	Bare shaft	330	400	927	637	22	Ø420	113.60	RWB25LBBH	113.60	RWB25LBAH
300	Clockwise	Bare shaft	356	455	1036	719	24.5	Ø500	171.60	RWB30LBBH	171.60	RWB30LBAH

DN (mm)	Closing direction	Version	L (mm)	D (mm)	H (mm)	H1 (mm)	b (mm)	G (mm)	PN 10		PN 16	
									Mass (kg)	References	Mass (kg)	References
200	Anti-Clockwise	Bare shaft	292	340	801	546	20	Ø375	68.00	RWB20LCBH	68.00	RWB20LCAH
250	Anti-Clockwise	Bare shaft	330	400	927	637	22	Ø420	113.60	RWB25LCBH	113.60	RWB25LCAH
300	Anti-Clockwise	Bare shaft	356	455	1036	719	24.5	Ø500	171.60	RWB30LCBH	171.60	RWB30LCAH

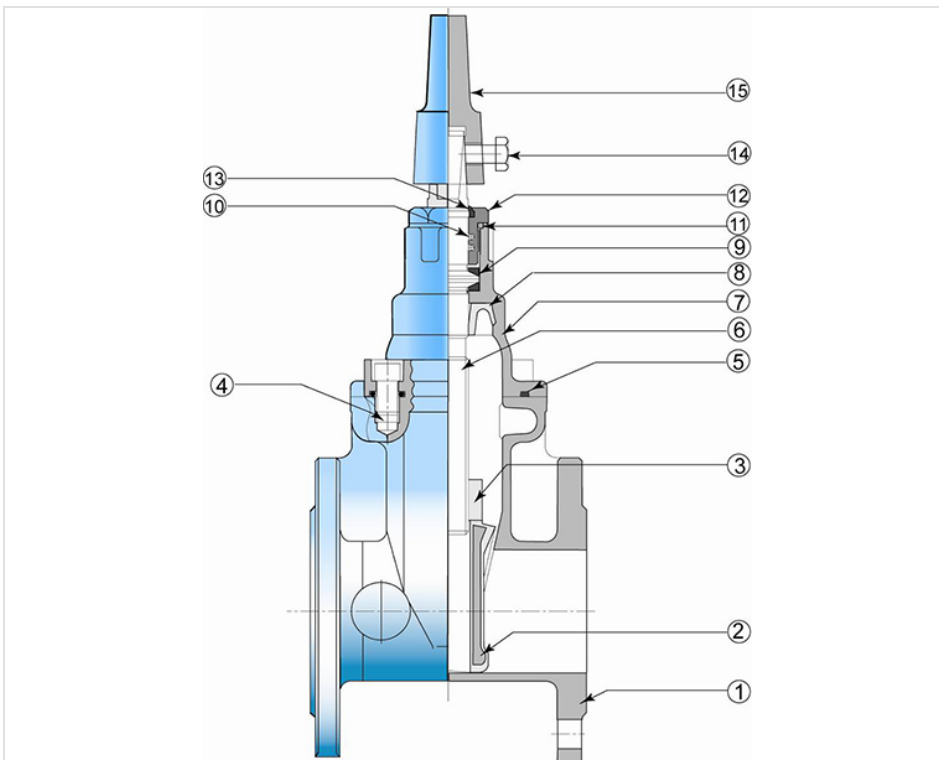


Main features

- Quality certified by SAINT-GOBAIN PAM Engineering Department
- Conception test according to Standard EN 1074-2 type B:
 - MOT: $1 \times DN + 60$ Nm
 - MsT: $5 \times MOT + 300$ with bending moment of 1500 Nm
 - Endurance test: 250 cycles
- Hydraulic pressure test:
 - Body: 1,5 PFA = 24 bar
 - Seat: 1,1 PFA = 17,6 bar
- Ductile iron construction provides high strength to weight ratio
- Excellent corrosion resistance due to:
 - Epoxy coating thickness min. 250 μ
 - Wax-filled bolt holes
- Stem O'ring seal arrangement suitable for replacement under pressure
- Full clear bore for optimum flow
- High tensile stainless steel stem ensures strength and corrosion resistance
- Stem manufactured by cold forging process increases lifetime of the valve by excluding potential cracks
- All non metallic materials are WRAS approved for drinking water
- Full compliant to BS EN 1074-2 and BS 5163-1

- Maximum operating temperature: 50° C
- Standard flange drilling to BS EN1092-2 PN16

Material and coating



Item	Description	Material	Coating
1	Body	Ductile Iron ENGJS 500-7 EN1563	Blue Epoxy Powder (thickness 250 µ)
2	Wedge	Ductile Iron ENGJS 500-7 EN1563	EPDM covered - WRAS
3	Stem Nut	Tin allow bronze CuSn5Pb5	
4	Screw	Steel AISI 410	
5	Bonnet Gasket	EPDM	
6	Stem	Stainless steel X17CrNi16-2	
7	Bonnet	Ductile Iron ENGJS 500-7 EN1563	Blue Epoxy Powder (thickness 250 µ)
8	Water Seal	EPDM	
9	Gasket	Nylon	
10	O-ring	EPDM	
11	O-ring	EPDM	
12	Bush	Brass CuZn40Pb2 (CW617N) EN12164	

Item	Description	Material	Coating
13	Ring Wiper	EPDM	
14	Set Screw	Steel	
15	Cap	Ductile Iron ENGJS 500-7 EN1563	Blue Epoxy Powder (thickness 250 µ)
16	Handwheel	Ductile Iron ENGJS 500-7 EN1563	

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