

Gateway valves with sockets for PVC pipes - ISO - DN50-300



The PAM Gateway resilient seated gate valve with sockets for PVC pipes is fully compliant with EN 1074-1 and 2 and ISO 7259

Manufactured from ductile iron and designed lightweight, it is robust and durable.

The valve is suitable for use with potable water, neutral liquids systems and buried service.

PVC pipe diameter PVC pipe according to ISO 161/1 and EN 1452-2.

Available options:

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

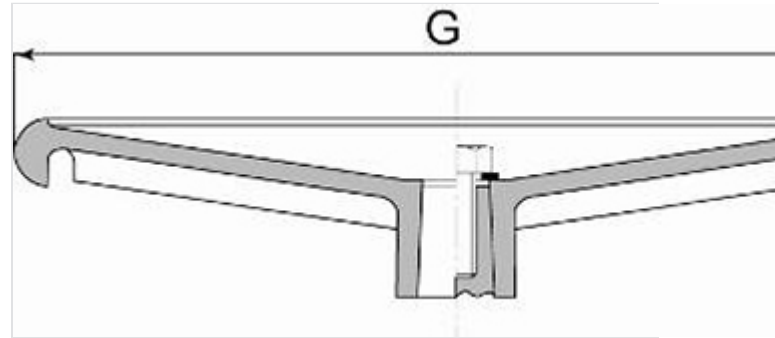
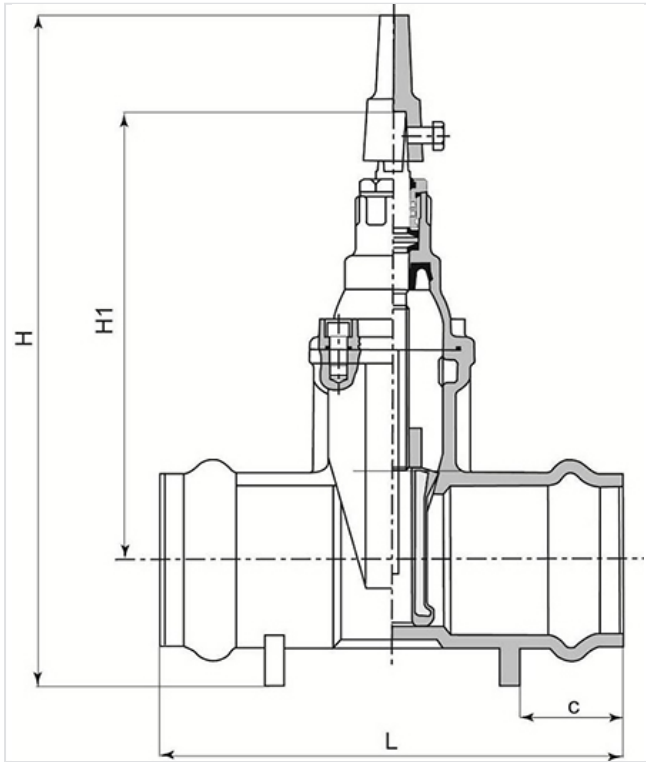
DN (mm)	OD (mm)	Closing direction	Version	H (mm)	H1 (mm)	L (mm)	K (mm)	Number of turns	G (mm)	Mass (kg)	References
50	63	Clockwise	Bare shaft	334	269	335	70		Ø 200	10.20	RWA50CBCH
50	63	Clockwise	Cap	334	269	335	70		Ø 200	10.60	RWA50CACH
65	75	Clockwise	Bare shaft	377	300	335	76		Ø 200	13.50	RWA65CBCH
65	75	Clockwise	Cap	377	300	335	76		Ø 200	13.90	RWA65CACH
80	90	Clockwise	Bare shaft	413	336	335	70		Ø 260	16.30	RWA80CBCH
80	90	Clockwise	Cap	413	336	335	70		Ø 260	16.70	RWA80CACH
100	110	Clockwise	Bare shaft	454	359	355	80	51	Ø 260	19.60	RWB10CBCH

DN (mm)	OD (mm)	Closing direction	Version	H (mm)	H1 (mm)	L (mm)	K (mm)	Number of turns	G (mm)	Mass (kg)	References
100	110	Clockwise	Cap	454	359	355	80	51	Ø 260	20.00	RWB10CACH
125	125	Clockwise	Bare shaft	515	395	374	90		Ø 375	29.50	RWB12CBCH
125	125	Clockwise	Cap	515	395	374	90		Ø 375	29.90	RWB12CACH
140	140	Clockwise	Bare shaft	515	395	374	90		Ø 375	29.50	RWB14CBCH
140	140	Clockwise	Cap	515	395	374	90		Ø 375	29.90	RWB14CACH
150	160	Clockwise	Bare shaft	566	441	405	95	28	Ø 375	35.00	RWB15CBCH
150	160	Clockwise	Cap	566	441	405	95	28	Ø 375	35.40	RWB15CACH
200	200	Clockwise	Bare shaft	701	546	450	100		Ø 375	63.10	RWB20CBCH
200	200	Clockwise	Cap	701	546	450	100		Ø 375	63.60	RWB20CACH
250	250	Clockwise	Bare shaft	807	637	510	100		Ø 420	104.20	RWB25CBCH

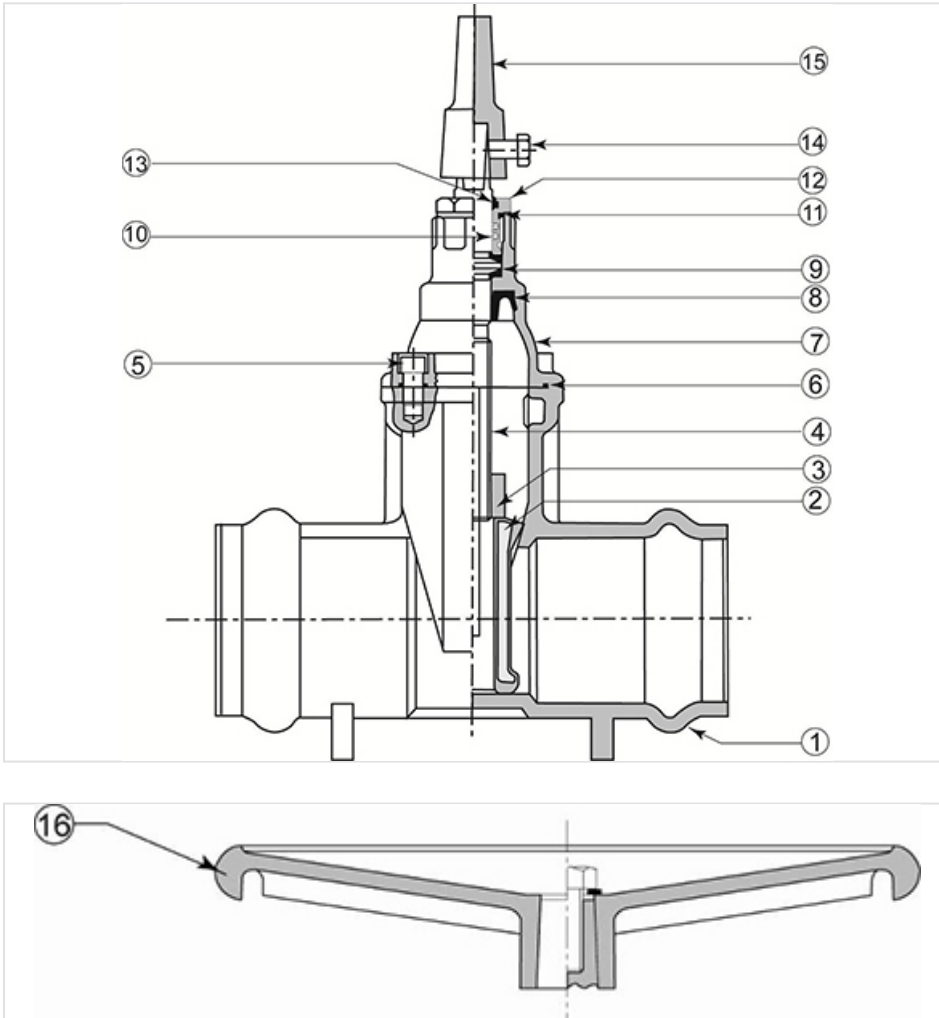
* Handwheel to order separately if needed.

DN (mm)	OD (mm)	Closing direction	Version	H (mm)	H1 (mm)	L (mm)	K (mm)	Number of turns	G (mm)	Mass (kg)	References
50	63	Anti-Clockwise	Bare shaft	334	269	335	70		Ø 200	10.20	RWA50CCCH
50	63	Anti-Clockwise	Cap	334	269	335	70		Ø 200	10.60	RWA50CDCH
65	75	Anti-Clockwise	Bare shaft	377	300	335	76		Ø 200	13.50	RWA65CCCH
65	75	Anti-Clockwise	Cap	377	300	335	76		Ø 200	13.90	RWA65CDCH
80	90	Anti-Clockwise	Bare shaft	413	336	335	70		Ø 260	16.30	RWA80CCCH
80	90	Anti-Clockwise	Cap	413	336	335	70		Ø 260	16.70	RWA80CDCH
100	110	Anti-Clockwise	Bare shaft	454	359	355	80	51	Ø 260	19.60	RWB10CCCH
100	110	Anti-Clockwise	Cap	454	359	355	80	51	Ø 260	20.00	RWB10CDCH
125	125	Anti-Clockwise	Bare shaft	515	395	374	90		Ø 375	29.50	RWB12CCCH
125	125	Anti-Clockwise	Cap	515	395	374	90		Ø 375	29.90	RWB12CDCH
140	140	Anti-Clockwise	Bare shaft	515	395	374	90		Ø 375	29.50	RWB14CCCH
140	140	Anti-Clockwise	Cap	515	395	374	90		Ø 375	29.90	RWB14CDCH
150	160	Anti-Clockwise	Bare shaft	566	441	405	95	28	Ø 375	35.00	RWB15CCCH
150	160	Anti-Clockwise	Cap	566	441	405	95	28	Ø 375	35.40	RWB15CDCH
200	200	Anti-Clockwise	Bare shaft	701	546	450	100		Ø 375	63.10	RWB20CCCH
200	200	Anti-Clockwise	Cap	701	546	450	100		Ø 375	63.60	RWB20CDCH

* Handwheel to order separately if needed.



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	
3	Stem Nut	ZQSNS-5-5	
4	Stem	Steel	
5	Screw	Steel A3	
6	Bonnet gasket	EPDM	
7	Bonnet	Ductile Iron ENGJS 500-7 EN1563	Blue Epoxy Powder (thickness 250 μ)
8	Stem O'ring	EPDM	

Item	Description	Material	Coating
9	Washer	Nylon	
10	O-ring	EPDM	
11	O-ring	EPDM	
12	Bush	Brass CuZn40Pb2 (CW617N) EN12164	
13	Ring Wiper	EPDM	
14	Screw	Steel A3	
15	Cap	Ductile Iron ENGJS 500-7 EN1563	Blue Epoxy Powder (thickness 250 μ)
16	Handwheel	Ductile Iron ENGJS 500-7 EN1563	

Main features

- Quality certified by SAINT-GOBAIN PAM Engineering Department
- Conception test according to Standard EN 1074-2:
 - MOT: 1 x DN
 - MsT: 2 x DN
 - 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
- Stem manufactured by cold forging process increases lifetime of the valve by excluding potential cracks
- Full compliant to EN 1074-2 & ISO 7259
- Maximum operating temperature: 50° C
- Standard flange drilling to ISO 7259 and DIN 3202

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