



PAM Gate Way Resilient Seated Gate Valve

DN50 – 300, PN16

The PAM Gate Way resilient seated gate valve is fully compliant to BS EN 1074-2. 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.



Main features

- Ductile iron construction provides high strength to weight ratio
- Excellent corrosion resistance due to:
 - autoclave bonnet removes need for body bonnet bolting (DN50 – 150)
 - wax-filled bolt holes (DN200 – 300)
- Efficient operation after long periods of no-use in either open or closed positions
- Stem 'O' ring seal arrangement suitable for replacement under pressure
- Full clear bore for optimum flow
- Integral cast feet offer ease of storage and installation
- Nylon gliders on wedge reduce friction and hence operating torques (DN80 – 150 only)
- Blue fusion bonded epoxy coating in accordance with BS EN 14901
- High tensile stainless steel stem ensures strength and corrosion resistance

Options available

- Cap top operated
- Handwheel operated
- Bevel gearbox
- Actuator operated

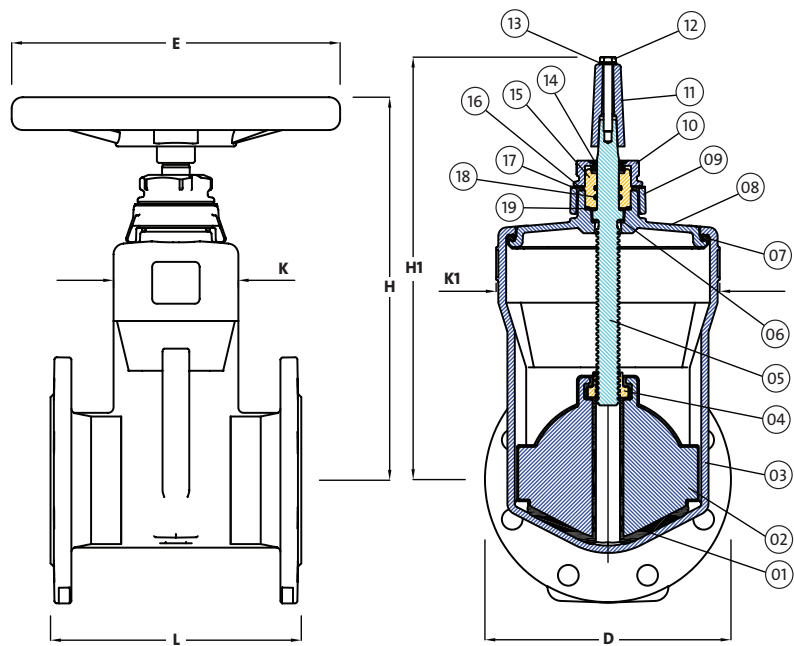
Technical Features

Technical information

- Fully compliant to BS EN 1074-2 and BS 5163-1
- Maximum operating temperature 50°C

DN50 – 150 parts list

Item	Description	Material
01	Gate seal	EPDM
02	Gate	Ductile iron GJS 500/7
03	Body	Ductile iron GJS 500/7
04	Stem nut	Aluminium bronze CC331G
05	Stem	Stainless steel Gr. 1.4057
06	Thrust washer	Gunmetal CC491K
07	Bonnet seal	EPDM
08	Bonnet	Ductile iron GJS 500/7
09	Yoke	Ductile iron GJS 500/7
10	Lock nut	Ductile iron GJS 500/7
11	Operating cap	Ductile iron GJS 500/7
12	Hex head bolt	Steel Gr. 8.8 zinc plated
13	Washer	Steel zinc plated
14	Dust seal	Chloroprene
15	Seal bush	Brass CW612N
16	Top 'O' ring	EPDM
17	Lock washer	Stainless steel Gr. 1.4301
18	Seal bush 'O' ring	EPDM
19	Bush seal	EPDM encapsulated brass CW612N



DN50 – 150 dimensions

DN	D	E	H	H1	K	K1	L
50	165	200	240	262	90	150	250
80	200	300	335	365	105	174	203
100	220	300	360	390	114	197	229
150	285	300	455	485	139	259	267

Dimensions in mm. Weight in kg. Flanges in accordance with BS EN 1092-2.

DN200 – 300 parts list

Item	Description	Material	Standard
01	Body	Ductile iron	GJS 500/7
02	Wedge sealing	EPDM	BS EN 681-1
03	Wedge	Ductile iron	GJS 500/7
04	Stem	Stainless steel	BS EN 10088-1:1.4057
05	Stem nut	Copper alloy	BS EN 1982:CC331G
06/13/21	Socket head cap screw	Stainless steel	BS 4168 Gr. A2-70
07/17	Gasket	EPDM	BS EN 681-1
08	Bonnet	Ductile iron	GJS 500/7
09/14/16	'O' ring	EPDM	BS EN 681-1
10	Back seat	EPDM	BS EN 681-1
11	Washer	Stainless steel	BS EN 10088-1:1.4301
12	Bearing	Copper alloy	BS EN 1982:CC331G
15	Gland	Ductile iron	GJS 500/7
18	Seal bush	Copper alloy	BS EN 12164:CW617N
19	Dust seal	EPDM	BS EN 681-1
20	Cap	Ductile iron	GJS 500/7
22	Plug	Polyethylene	

DN200 – 300 dimensions

DN	L	H	D	D1	D2	n-d	b	f	Handwheel diameter
200	292	600	340	266	295	12-23	20	3	400
250	330	705	405	319	355	12-28	22	3	400
300	356	790	460	370	410	12-28	24.5	4	400

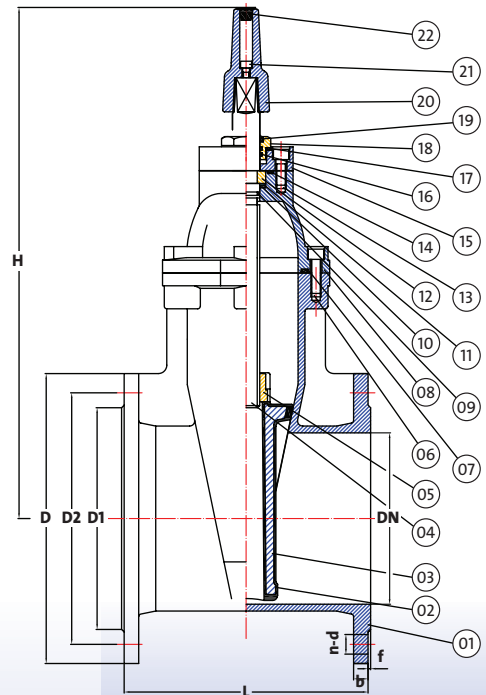
Dimensions in mm. Weight in kg. Flanges in accordance with BS EN 1092-2.

Saint-Gobain PAM UK Ltd

Lows Lane, Stanton-by-Dale, Ilkeston, Derbyshire DE7 4QU
Tel: +44 (0)115 930 5000
Fax: +44 (0)115 932 9513
Website: www.saint-gobain-pam.co.uk

The information given in this leaflet is, to the best of our knowledge, correct at the time of going to press. However Saint-Gobain PAM UK are constantly looking at ways of improving their products and services and therefore reserve the right to change, without prior notice, any of the data contained in this leaflet. Please contact our Technical Sales Department for detailed advice.

© 2009 Saint-Gobain PAM UK



Cert. No. 12908