

# Resilient Seated Gate Valve – BS5163 (Type B)

PN16 Temp 0°C to 70°C DN350 to DN600

Tel. +44 (0)1788 229 937  
sales@utilitiesvalves.com  
www.utilitiesvalves.com



- Wedge ductile iron EN-GJS-450-10 encapsulated with EPDM
- Ductile iron body & bonnet – Coated 250 µm FBE
- POM Guide for smooth operation
- Flange in accordance to BS EN 1092-2
- Series 3 according to EN 558
- Suitable for drinking water & treated sewage
- Suitable for Horizontal or vertical pipelines
- Available with cap top or handwheel operation
- ISO 5210 Flange version available



## Technical information

WRAS approved materials  
for use with potable water

**WRAS** Approved Materials

## Manufacture

BS EN ISO 9001:2015 QMS

## Design Standard

EN 1074 part 1 & 2  
EN 1171 Cat 3 & 4  
BS5163-pt 1, Type B  
F/F EN558 Series 3  
Tested to EN 12266

# Resilient Seated Gate Valve – BS5163 (Type B)

PN16 Temp 0°C to 70°C DN350 to DN600

Tel. +44 (0)1788 229 937  
sales@utilitiesvalves.com  
www.utilitiesvalves.com



## Materials List

No.	Name	Material
1	Body	Ductile Iron EN-GJS-450-10
2	Bonnet Gasket	EPDM 70
3	Bonnet	Ductile Iron EN-GJS-450-10
4	Square Nut	HMn 62-3-3-0.7
5	Split Bearing	HMn 62-3-3-0.7
6	Gland Housing	Ductile Iron EN-GJS-450-10
7	Sealed Bearing	HMn 62-3-3-0.7
8	Dust Seal	NBR 70
9	Stem	Stainless Steel 1.4021 (SS420)
10	Guide	POM
11	Wedge	Ductile Iron EN-GJS-450-10 with EPDM 70
12	O Ring	NBR 70
13	Fastener	Stainless Steel A2-70
14	Eye Bolt	Stainless Steel A2-70
15	Flat Washer	GB/T96 – 1985
16	Thrust Bearing	GB/T825 - 1988

## Dimensions table

DN mm	L mm	H mm	H1 mm	D mm	D1 mm	S mm	n-Ød mm	Weight Kg
350	381	772	1032	520	470	27.3	16-Ø28	240
400	406	820	1110	580	525	27.3	16-Ø31	270
450	432	979	1299	640	585	37.3	20-Ø31	324
500	457	1026	1384	715	650	37.3	20-Ø34	381
600	508	1196	1616	840	770	37.3	20-Ø37	750

Utilities Valves reserves the right to change product design and specification without notice

Please note item No. 16 on sizes DN450 to DN600 only

