

# Metal Seated Gate Valve – BS5163 (Type B)

PN16 Temp 0°C to 70°C DN450 to DN1200

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



## Operating Options

1. Spur gearbox with captop
2. Spur gearbox with handwheel
3. Spur gearbox with actuator
4. Bevel gearbox with captop
5. Bevel gearbox with handwheel
6. Bevel gearbox with actuator

## Technical Description

1. Design standards in accordance with EN 1171, EN 1074-1&2, BS 5163
2. Flange and drilling in accordance with BS EN 1092-2 - PN16
3. Face to face in accordance to BS EN558, basic series 3
4. Tests and Inspection in accordance with BS EN12266
5. Suitable for potable water, raw water and neutral liquides to max. 100°C
6. Epoxy coated inside and outside minimum thickness of 250 µm

**WRAS** Approved Materials



# Metal Seated Gate Valve – BS5163 (Type B)

PN16 Temp 0°C to 70°C DN450 to DN1200

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



## Materials List

No.	Name	Material
1	Body Seal Ring	Gunmetal LG2
2	Gate Seal Ring	Gunmetal LG2
3	Body	Ductile Iron EN-GJS-500-7
4	Gate	Ductile Iron EN-GJS-500-7
5	Stem Nut	Gunmetal LG2
6	Stem	Stainless Steel 1.4021
7	Stem Collar	Stainless Steel 1.4021
8	O-Ring	EPDM
9	Support	Ductile Iron EN-GJS-500-7
10	Bonnet	Ductile Iron EN-GJS-500-7
11	Gearbox	Ductile Iron EN-GJS-500-7
12	Cap Top	Ductile Iron EN-GJS-500-7
13	Drain Plug	Stainless Steel 304

## Dimensions table

Size DN	D mm	D1 mm	A mm	B mm	N-D mm	L mm	H1 mm	H2 mm	Weight kg
450	640	585	740	30.0	20-31	432	350	1331	692
500	715	650	803	31.5	20-34	457	390	1424	913
600	840	770	950	36.0	20-37	508	470	1570	1334
700	910	840	1156	39.5	24-37	610	495	1833	2000
800	1,025	950	1242	43.0	24-41	660	540	1983	2688
900	1,125	1050	1423	46.5	28-41	711	645	2162	3450
1000	1,255	1170	1468	50.0	28-44	811	680	2473	4500
1100	1,355	1270	1540	53.5	32-44	811	720	2588	5260
1200	1,485	1390	1625	57.0	32-50	980	825	2713	5875

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

