

WATERFRONT

◆ Series 263 Metal Seated Wedge Gate Valve ◆

BS 5163-1&2 / BS EN1074-1&2

DESIGN FEATURES

- * Stem Cap or Handwheel Operation
- * Underground Service
- * Clockwise CLOSE
- * Life Long Sealing
- * Epoxy Coating To BS6920
- * Gland Bolt Housing arranged for easy removal of the bolts
- * Service Areas:
Waterworks / Drainage / Sewage
Sea water / Potable water
Alkalies acids / Dilute acids etc.
- * Stem Cap:
Shear device to prevent overtorque
- * Body:
Minimal height for strength and rigidity
- * Seats:
Hydraulically pressed into body
- * Spindle:
Non-rising type with strong square thread
- * Flange Drilling: BS EN1092-2 PN16

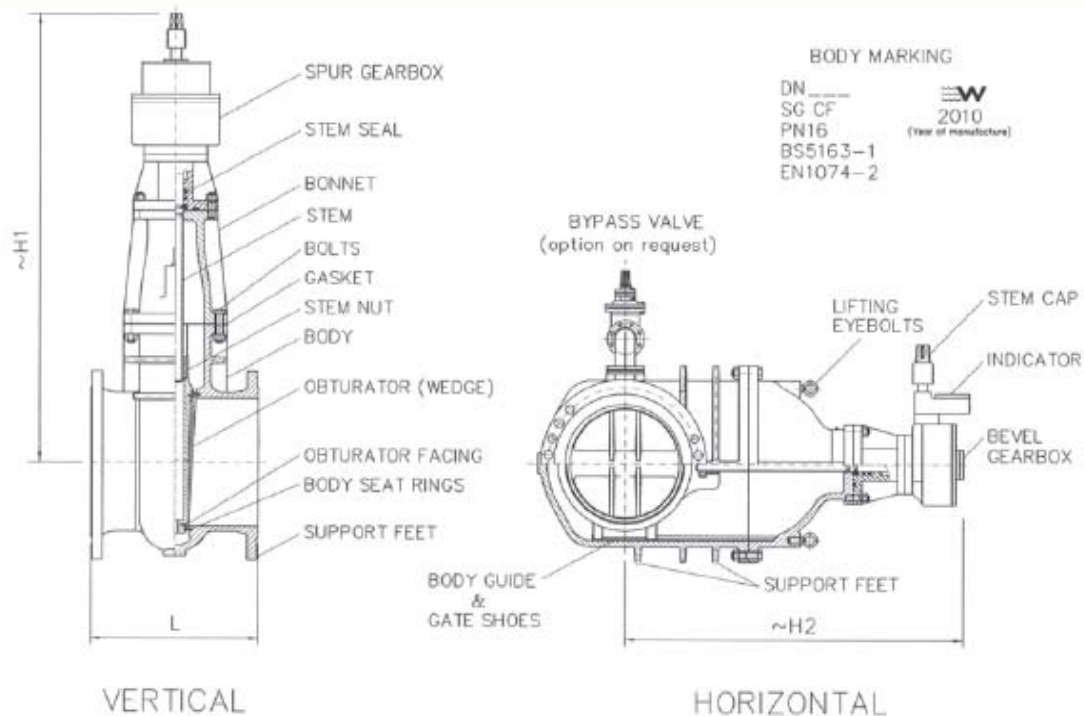
**WATERFRONT FLUID CONTROLS
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SPECIFICATIONS



DN	350	400	450	500	600	700	800	900	1000	1200	1400~1600
L	381	406	432	457	508	610	660	711	811	960	REFER DRAWING
~H1	1182	1410	1487	1527	1740	1890	2050	2300	2635	2840	
~H2	1093	1180	1261	1332	1635	1758	1916	2175	2450	2635	

All dimension in mm

COMPONENT	#MATERIAL
BODY	SG CAST IRON BS EN1563-EN-GJS-450/10 OR 500/7 (DUCTILE IRON)
BONNET	SG CAST IRON BS EN1563-EN-GJS-450/10 OR 500/7 (DUCTILE IRON)
OBTURATOR (WEDGE)	SG CAST IRON BS EN1563-EN-GJS-450/10 OR 500/7 (DUCTILE IRON)
OBTURATOR FACING	COPPER ALLOY BS EN1982 GRADE CC491K (GUNMETAL)
BODY SEAT RINGS	COPPER ALLOY BS EN1982 GRADE CC491K (GUNMETAL)
STEM	STAINLESS STEEL BS EN10088-1 GRADE 1.4057 (FORMER 431S29)
STEM NUT	COPPER ALLOY BS EN1982 GRADE CC491K (GUNMETAL)
STEM SEAL	EPDM BS EN681-1 & BS6920
STEM CAP	SG CAST IRON BS EN1563-EN-GJS-450/10 OR 500/7 (DUCTILE IRON)
BOLTS	STAINLESS STEEL BS EN10088-1 GRADE 1.4301 (FORMER 304)
GASKET	EPDM BS EN681-1 & BS6920
BODY GUIDE & GATE SHOES	STAINLESS STEEL BS EN10088-1 GRADE 1.4301 (FORMER 304)
SUPPORT FEET	SG CAST IRON BS EN1563-EN-GJS-450/10 OR 500/7 (DUCTILE IRON)
LIFTING EYEBOLTS	HIGH TENSILE STEEL
INDICATOR	DIFFERENTIAL TYPE
BEVEL GEARBOX	WATERPROOF TYPE
SPUR GEARBOX	WATERPROOF TYPE

Alternative materials available on request

COATING

Electrostatically Fusion Powder Coated Epoxy with full tests of effect on water quality of BS6920

TESTING

All valves are machine tested on each face to the nominal pressure and on the body to the test pressure in accordance with BS5163-1&2, BS EN1074-1&2, BS EN12266-1

*Working Pressure	16 Bars
Body Test Pressure	25 Bars
Seat Test Pressure	17.6 Bars

*PN25, 40, 60,100 available on request