



# 51 SERIES

## FIRE HYDRANT GLOBE VALVES

### Specification:

- A range of 65mm nominal bore valves.
- Designed and constructed in accordance with BS5041 Part 1.
- Valve Bodies and internals designed for PN20 bar working pressure.
- Pressure rating of individual valves is dependent on inlet and outlet connections.

### Range:

- Four configurations – horizontal, bib-nosed, right-angle and oblique.
- Used on hose connections, hose stations, hose standpipes and yard hydrants.

### Features:

- Compact design with excellent flow characteristics
- Primary shut-off by rubber to metal seating with secondary metal to metal seating.
- Facility to change the control spindle gland seal with the valve in situ while still maintaining shut-off.

### Quality:

- Made from corrosion resistant materials for long life and reliable operation.
- Quality control throughout manufacture to ISO 9001: 2015
- Hydrostatically tested in accordance with BS 5041 Part 1 Appendix A Clause A1 before despatch.

### Options:

- Blanking caps and plugs are available in a range of materials (not supplied as standard).
- Painting to customer specification (normally unpainted).
- Special handwheels (cast iron is supplied as standard).



ITEM	DESCRIPTION	MATERIAL
1	Valve body	Leaded gunmetal BS1400 : LG2-C
2	Bonnet	Brass BS2872 : CZ122
3	Stem	Manganese bronze BS2874 : CZ114
4	Disc	Brass with bonded rubber seal BS2872 : CZ122
5	Retaining Nut	Brass BS2874 : CZ121
6	Retaining Cap	Brass BS2874 : CZ121
7	Twist Release Mechanism	Brass
8	'O' Ring Seal	Nitrile P5 BS040
9	'O' Ring Seal	Nitrile P5 BS208
10	Handwheel	Cast iron
11	Hexagon Nylock Nut	Stainless steel A2



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### Connections:

- Inlet and outlet connections
  - » Flanged
    - > BS10
    - > BS4504 (EN1092-1)
    - > ASME (ANSI) B16.24 and B16.5 – Class 150 & Class 300
    - > JIS
  - » Threaded
    - > BSP To BS21 (BS EN 10226) & BS2779 (BS EN ISO 228)
      - Male & Female
    - > N.H/NST (NFPA 1963) – Male & Female
    - > NPT (ANSI/ASME B1.20.1:1983) – Male & Female
  - » Other International Standards
    - > Storz
    - > Guillemin
    - > Russian GOST
    - > NOR 1
- Outlet only connections
  - » Instantaneous
    - > 65mm (2 1/2") Female – BS336:2010
    - > 38mm (1 1/2") Female - FETA

### Options:

- Leather straps and padlocks are available as optional extras.
- Blanking caps and plugs are available in a range of materials.
- Painting to customer specification (normally unpainted).
- Special handwheels (cast iron is supplied as standard).

