

## 54 SERIES

### FIRE HYDRANT DIAPHRAGM VALVES FOR FIRE PROTECTION

LPCB APPROVED, WEIR TYPE DIAPHRAGM VALVES FOR CRITICAL OIL & GAS, PETROCHEMICAL, DEFENCE & CONSTRUCTION APPLICATION.



#### LPCB TESTED & APPROVED:

A fire hydrant diaphragm valve for use with fire hose connections

Used on hose connections, hose stations, hose standpipes, and yard hydrants

Fire tested at 540 Deg Celcius in accordance with BS 5041 Part 1

Fully compliant with BS 5041 Pt 1, BS 5154 Full bore 2.5" (63mm)

High grade diaphragm material offers excellent resistance to heat, ozone, weathering and a wide range of chemicals and oils.



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# 54 SERIES

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**LPCB APPROVED  
FIRE HYDRANT DIAPHRAGM VALVES  
FOR FIRE PROTECTION**



## Engineered for Corrosion Resistance

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### Main Body Outlet

**Standard:** Gunmetal LG2 (CC491K, B62, C83600)

**Alternatives:** Nickel Aluminium Bronze AB2  
(CC333G, C95800)

### Main Shaft and Shutdown Spindle

**Standard:** Manganese Bronze CZ 114 MN BR

**Alternatives:** Nickel Aluminium Bronze CA104

### Finish:

**Standard:** Natural

**Alternatives:** Painted to customer requirements

## Expertly Manufactured for Certification Compliance and Traceability

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All furnace melts are spectrographically analysed for compliance prior to pouring.

Every valve carries a unique serial number recorded in accordance with the above.

**3.1** Chemical and mechanical certification as standard.

**3.2** Witness available for casting certification as well as pressure testing.

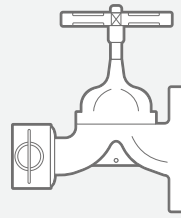


Representative Image

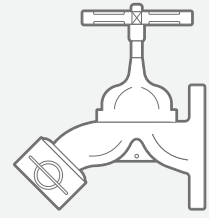
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All variations are  
LPCB approved:  
Bib Nose and Horizontal

All 54 Series variants  
have Bodies with:  
Nominal Bore Inlet of  
65mm (2.5")  
Nominal Bore Outlet of  
65mm (2.5")



Horizontal Pattern



Bib-Nose Pattern

## Inlet Connections

### Flanged

- › BS10
- › BS4504 (EN1092-1)\*
- › ASME (ANSI) B16.24 and B16.5 – Class 150 & Class 300\*
- › JIS

## Outlet Connections

### Instantaneous

- › 65mm (2 1/2") Female – BS336:2010\*

### 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



\*LPCB Approved

Other connections considered on request