



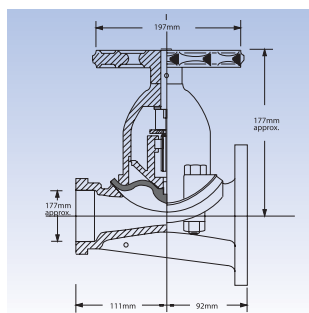
Fire Hydrant Valve



'SFV' Soft Seated Fire Valve

The 'SFV' Soft Seated Fire Valve is designed for fire fighting service for use on hydrants. The mechanism is totally enclosed thus preventing contamination from the elements. The valve is a soft seated style enabling 100% shut off and ease of opening and closing even after long periods of non-use. The valve is suitable for offshore and onshore

use and also for tank cleaning services. The valve has been accepted for the purpose of the Merchant Shipping (Fire Appliances) Regulations 1980 by the Department of Transport. Lloyds Register of Shipping and is in accordance with S.O.L.A.S. 1960 and 1974 Regulations.



Bonnet assembly

Non-rising handwheel design with chain locking device.
Material: Gunmetal or S.G. Iron.

Diaphragm for Fire mains use

'OG' grade 'fire' diaphragm of Chlorosulphanated elastomer (Hypalon®) reinforced with a knitted fabric fitted with a stud of brass to BS2874 grade CZ121 or CZ122.

Diaphragm for tank cleaning services

Nitrile diaphragm, reinforced with a knitted fabric with a stud of brass to BS2874 grade CZ121 or other suitable material.

Inlet connections

Standard female end connection screwed 2 1/2" BSP with other thread forms available. Male end thread forms are available on request.
Flanged end to BS table D, E & F. BS4504 PN6/10/16.
DIN DN 10/16 & ANSI 125/150.
Instantaneous couplings are available for connection to female screwed ends.

Fastenings

Body/bonnet fastening stainless steel BS3692 Gr A4.

Testing/Performance

Valves are tested in accordance with BS5156 and BS6755 part 1. Body strength test to 24 bar, seat test to 1.1 times maximum working pressure.
Maximum working pressure: 15 bar.
Other sizes are available to special order, including ANSI 300.
* Viton/ Nitrile Blend
All our fire valves come with AV instantaneous coupling as standard.

Materials of construction

Item	Component	Material
1	Body	Gunmetal (BS1400 LG2) or S.G. Iron (BS2789 GR420-12)
2	Bonnet	Gunmetal (BS1400 LG2) or S.G. Iron (BS2789 GR420-12)
3	Compressor	Gunmetal (BS1400 LG2) or S.G. (BS2789)
4	Handwheel	Gunmetal (BS1400 LG2)
5	Handwheel Pin	Stainless steel (BS3692 GR A4)
6	Stem	Bronze (BS2874 CZ114)
7	Compressor nut	Stainless Steel (BS3692 GR A4)
8	Compressor washer	Brass (BS2874 CZ 121)
9	Diaphragm	Reinforced Hypalon® Nitrile rubber/ViTile*
10	Bonnet bolting	Stainless Steel (BS3692 GR A4)
11	Diaphragm stud	Brass (BS2874 CZ 121)
12	Locking device facility	Optional
13	Hose Connection	LG2 (BS 336)