



## HYDRANT VALVE - DOUBLE OUTLET GUN METAL/SS316, ISI MARKED



Hydrant valves (also called Landing valves) provide the means to draw water for firefighting from the Fire water piping network. They are normally mounted onto stand posts, fitted on the fire water network.

**Brief Description** : Hydrant Valve (Double headed), as per IS: 5290, made of Stainless Steel (SS316)/GUN METAL having 100 mm flanged inlet, and 2 Nos. 63 mm Female Instantaneous outlets, C.I. hand wheels for hydrant operation, and PVC blank caps with chain. Body duly painted with 2 coats of superior quality paint. H.P. tested to 21 kgf/cm<sup>2</sup> (body) and 14 kgf/cm<sup>2</sup> (seat). Flow 1800 lpm (min) at 7 kgf/cm<sup>2</sup>.

### GENERAL DATA

Make USAFE  
Size 63 mm  
Inlet Flanged - 100mm NB IS: 1538 / ANSI B 16.5 150#  
Outlet 2 Nos. 63mm Female Inst. Adaptor  
Reference Standard IS: 5290 TYPE B

### MATERIAL OF CONSTRUCTION

Body, Bonnets, Female outlet and IS: 3444 Gr. IV (SS316)/GUN METAL parts  
Spindle IS: 3444 Gr. IV (SS316)/GM  
Spring Stainless Steel Wire IS: 6258  
Hand Wheel C.I. IS: 210 FG 200  
Washer Rubber IS: 937 Type A

### TESTING AND QUALITY CONTROL

Dimensional check Dimensions as per IS: 5290 Type B (See Drawing below)  
Water Tightness Seat Test 14 kgf/cm<sup>2</sup> for 2.5 minutes.  
Hydrostatic Pressure Test 21 kgf/cm<sup>2</sup> for 2.5 minutes.  
Performance requirements Flow test : 1800 lpm (min) at 7 kg/cm<sup>2</sup> pressure  
Documentation Internal inspection report, supplier's certificates, approved laboratory test certificates

### OPERATIONAL/ TECHNICAL DATA

Working pressure range upto 10 Kg/cm<sup>2</sup>  
Weight (approx.) 17.0 Kgs.

### FINISH

Body Painted - Fire Red Color as per IS: 5 Shade No. 536  
Wheel Painted - Black Paint  
Parts Polished

Manufactured by

**UNITED FIRE & SAFETY SERVICES**

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