

# HYDRANT VALVE, DOUBLE OUTLET

GUNMETAL, AS PER IS:5290



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)-Type B, as per IS: 5290, made of Gun Metal, having 100 mm flanged inlet, and 2 Nos. 63 mm Female Instantaneous outlets, having C.I. hand wheels for 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>.

## 1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Size	63 mm
1.3	Inlet – Flanged	100mm NB IS: 1538 / ANSI B 16.5 150 #
1.4	Outlet - Female Inst.	2 Nos. 63mm Female Inst. Adaptor
1.5	Reference Standard	IS: 5290 TYPE B

## 2.0 MATERIAL OF CONSTRUCTION

2.1	Body, Bonnets, Female outlet and parts	G.M. IS: 318 LTB-2
2.2	Spindle	Brass IS: 319
2.3	Spring	Phosphor Bronze Wire IS: 7608
2.4	Hand Wheel	C.I IS: 210 FG 200
2.5	Washer	Rubber IS: 937 Type A

## 3.0 TESTING AND QUALITY CONTROL

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

## 4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure range	upto 10 Kg/cm <sup>2</sup>
4.2	Weight (approx.)	19.0 Kgs.

## 5.0 FINISH

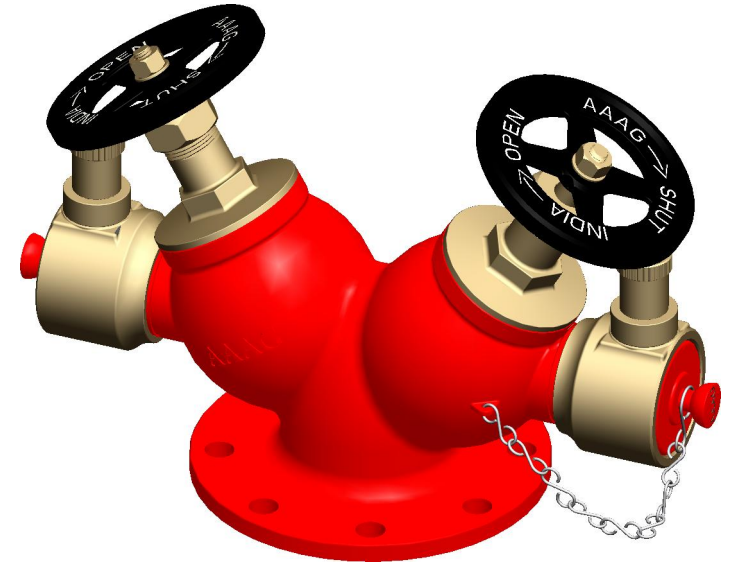
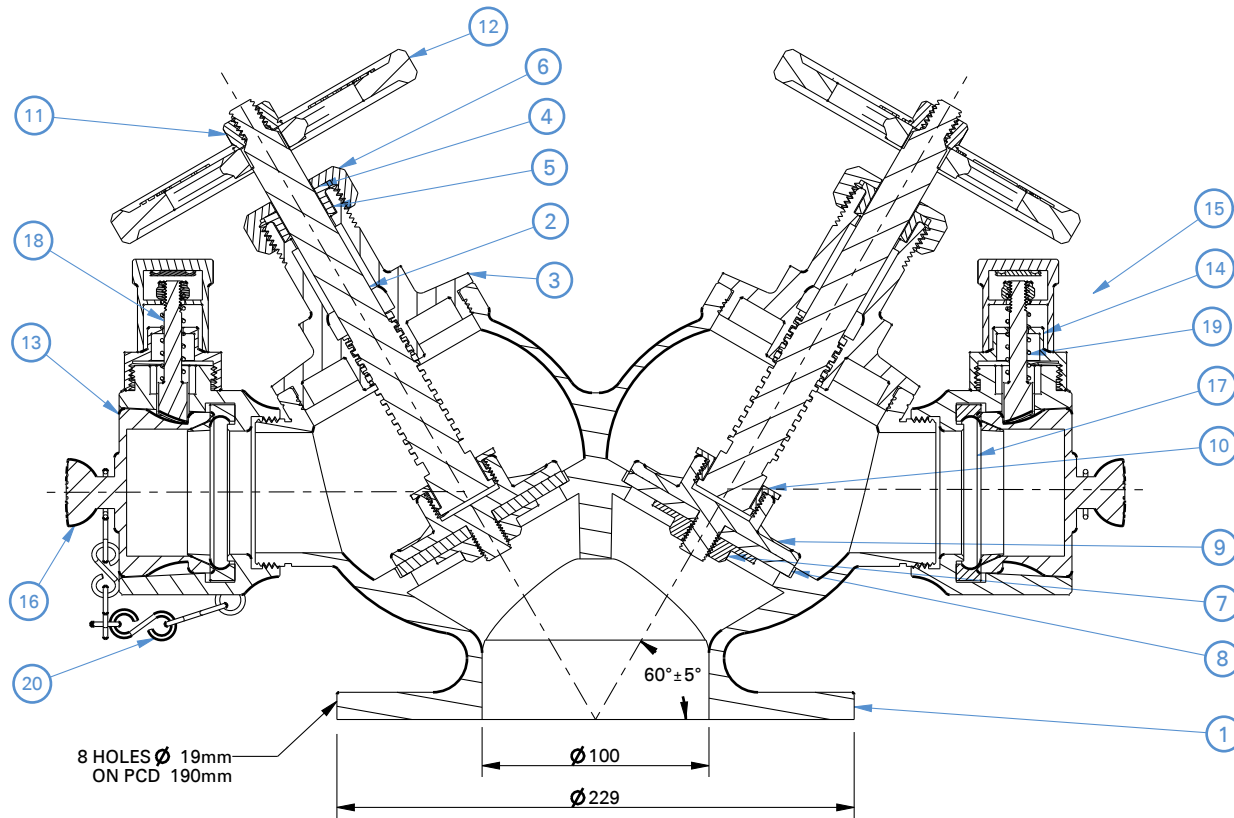
5.1	Body	Painted - Fire Red Color as per IS: 5 Shade No. 536
5.2	Wheel	Painted - Black Paint
5.3	Parts	Polished

## 6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking on Hydrant valve	BHOJEBROS / Size/ Year of Manufacture/ ISI number/ Sl. No

## 7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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**HYDRAULIC TEST :**

SEAT TIGHTNESS : 14KGF/CM2. (FOR 2.5 MINIUTES)  
 BODY : 21KGF/CM2. (FOR 2.5 MINIUTES)  
 FLOW TEST : 1800 LPM MIN @ 7KGF/CM2.

1	BODY	GM IS:318, LTB 2	11	HEX. NUT	M.S
2	SPINDLE	BRASS IS:319	12	HAND WHEEL	CI. IS:210
3	BONNET	GM IS:318, LTB 2	13	FEMALE OUTLET	GM IS:318, LTB 2
4	GLAND BUSH	GM IS:318, LTB 2	14	LOWER LUG	GM IS:318, LTB 2
5	GLAND PACKING	ASBESTOSE ROPE	15	UPPER LUG	GM IS:318, LTB 2
6	GLAND NUT	GM IS:318, LTB 2	16	BLANK CAP	G.M/P.V.C.
7	CHECK NUT (SPINDLE)	GM IS:318, LTB 2	17	RUBBER RING	RUBBER IS:937
8	SEAT WASHER	RUBBER IS:937	18	CAM TOOTH	GM IS:318, LTB 2
9	STOP VALVE	GM IS:318, LTB 2	19	SPRING	IS:7608
10	SEAT CHECK NUT	GM IS:318, LTB 2	20	CHAIN	GALVANIZED
<b>NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>	<b>NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
<b>PART LIST</b>			<b>PART LIST</b>		



**Shah Bhogilal Jethalal & Bros.**

AHMEDABAD

**TITLE :**

Hydrant Valve, Double (63mm),  
Gunmetal, As Per IS:5290

SCALE

N.T.S

DRAWING NO:

G101-63AS

SHEET

1 OF 1

REV.

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