

**Product Name: HYDRANT VALVE , DOUBLE OUTLET STAINLESS STEEL.**

**Product Code: VRX-DHV**



#### DESCRIPTION:

Hydrant valves (also called Landing valves) provide the means to draw water for fire fighting 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(SS304), having 100 mm flanged inlet, and 2 Nos. 63 mm Female Instantaneous outlets, C.I. handwheels 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:

Sl No	Particular	Specification
1	Make	VariEx
2	Size	63mm
3	Inlet	100mm NB IS: 1538 / ANSI B 16.5 150 #
4	Outlet	2Nos. 63mm Female Inst. Adaptor
5	Material of Construction	Stainless Steel - SS304
6	Reference	IS:5290 TYPE B

#### MATERIAL OF CONSTRUCTION:

Sl No	Particular	Specification
1	Body, Bonnet, Female outlet and parts	IS:3444 Gr.I (SS304)
2	Spindle	IS:3444 Gr.I (SS304)
3	Spring	Stainless Steel Wire IS:6258
4	Hand Wheel	C.I. IS:210 FG200
5	Washer	Rubber IS:937 TypeA

## TESTING AND QUALITY CONTROL:


Sl No	Particular	Specification
1	Dimensional check	Dimensions as per IS:5290 TypeB (See Drawing Below)
2	Water Tightness Seat Test	14kgf/cm <sup>2</sup> for 2.5 minutes.
3	Hydrostatic Pressure Test	21kgf/cm <sup>2</sup> for 2.5 minutes.
4	Performance requirements	Flowtest : 1800 lpm (min) at 7kg/cm <sup>2</sup> pressure
5	Documentation	Internal inspection report ,supplier's certificates ,approved Laboratory test certificates


## OPERATIONAL/TECHNICAL DATA:

Sl No	Particular	Specification
1	Working Pressure	upto 21Kg/cm <sup>2</sup>
2	Weight (Approx.)	18.0kgs

## FINISH:

Sl No	Particular	Specification
1	Body	Painted - Fire Red Color as per IS: 5 Shade No. 536
2	Parts	Natural finish/ Polished
3	Wheel	Painted - Black Paint

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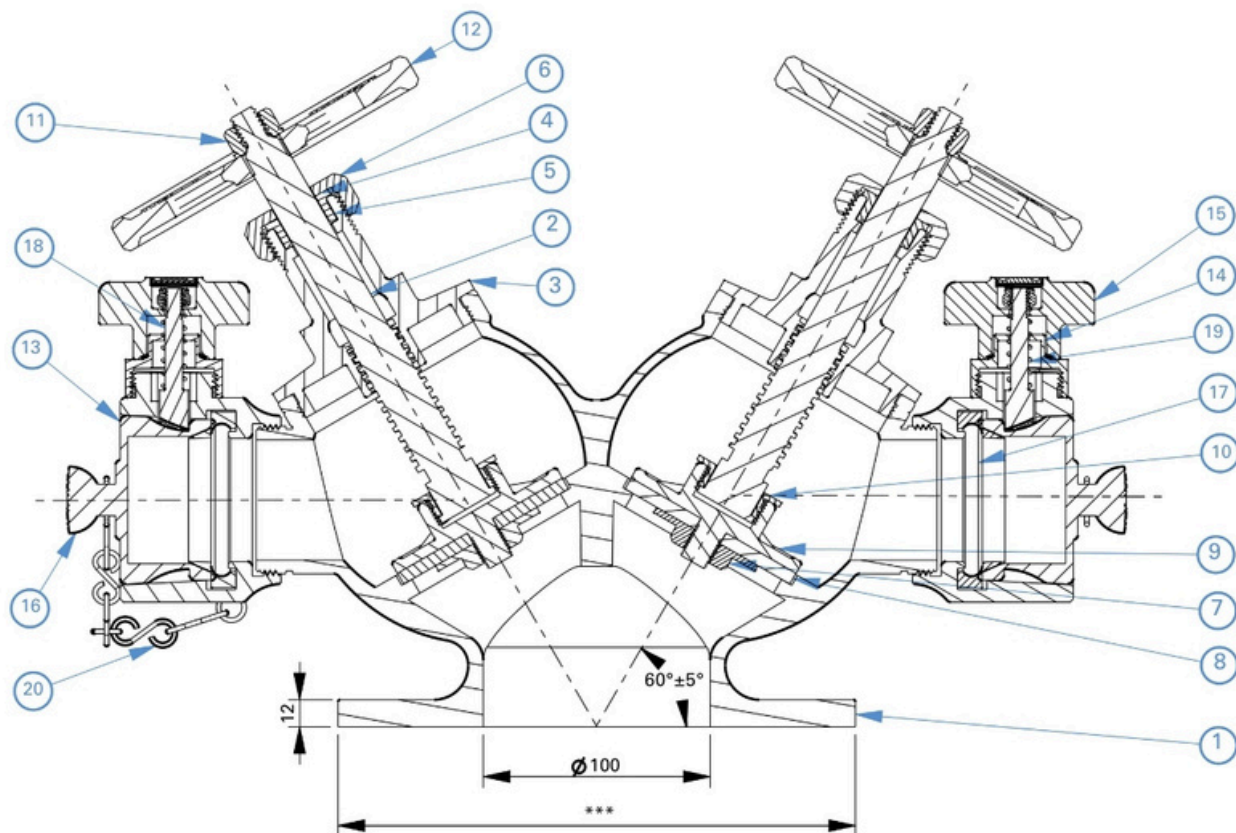


## APPROVALS & MARKING :

Sl No	Particular	Specification
1	Approvals	ISI Marked (License No.)
2	Marking on Hydrant Body	VariEX/Size/YearofManufacture/ISINo/SL.No

## WARRANTY:

Sl No	Particular	Specification
1	Warranty & Guarantee	12 Months from the date of supply



FLANGE DIMENSIONS

TABLE	FLANGE Ø	PCD	HOLES	HOLE Ø
IS: 1538	220mm	180mm	8	19mm
ANSI B16.5 150#	228.6mm	190mm	8	19mm

1	BODY	SS. IS:3444 Gr.-1.	11	HEX.NUT	M.S.
2	SPINDLE	SS. 304	12	HAND WHEEL	CI. IS:210
3	BONNET	SS. IS:3444 Gr.-1.	13	FEMALE OUTLET	SS. IS:3444 Gr.-1.
4	GLAND BUSH	SS. IS:3444 Gr.-1.	14	LOWER LUG	SS. IS:3444 Gr.-1.
5	GLAND PACKING	ASBESTOSE ROPE	15	UPPER LUG	SS. IS:3444 GR.-1.
6	GLAND NUT	SS. IS:3444 Gr.-1.	16	BLANK CAP	S.S/P.V.C.
7	CHECK NUT (SPINDLE)	SS. IS:3444 Gr.-1.	17	RUBBER RING	RUBBER IS:937
8	SEAT WASHER	RUBBER IS:937	18	CAM TOOTH	SS. IS:3444 Gr.-1.
9	STOP VALVE	SS. IS:3444 Gr.-1.	19	SPRING	SS.IS:6528
10	SEAT CHECK NUT	SS. IS:3444 Gr.-1.	20	CHAIN	GALVANIZED
NO.	DESCRIPTION	MATERIAL	NO.	DESCRIPTION	MATERIAL
PART LIST			PART LIST		



HYDRAULIC TEST :

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



**TITLE : HYDRANT VALVE , DOUBLE OUTLET  
 STAINLESS STEEL**

SCALE	DRAWING NO:	SHEET	REV.
N.T.S	VRX-DHV	1 OF 1	0