

**PRODUCT NAME: HYDRANT VALVE , SINGLE OUTLET STAINLESS STEEL.**

**Product Code: VRX-DHV**



**DESCRIPTION:**

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 –Type A, ISI marked (IS:5290), made of StainlessSteel (SS304), having 75mm flanged inlet, and 63 mm Female Instantaneous outlet, provided withC.I. handwheel for operation, and PVC blank cap with chain. Body duly painted with 2 coats ofsuperior quality paint. H.P. tested 21 kgf. /cm<sup>2</sup> (body) and 14 kgf. /cm<sup>2</sup> (seat). Flow 900 lpm (min)at 7kgf/cm<sup>2</sup>

**GENERAL DATA:**

Sl No	Particular	Specification
1	Make	VariEx
2	Size	63mm
3	Inlet	80mm NB IS: 1538 / ANSI B 16.5 150 #
4	Outlet	63mm Female Instantaneous Adaptor
5	Material of Construction	Stainless Steel - SS304
6	Reference	IS:5290 TYPE-A

**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 : 1800lpm (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 10Kg/cm <sup>2</sup>
2	Weight (Approx.)	8.0kgs

## 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 - BlackPaint

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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

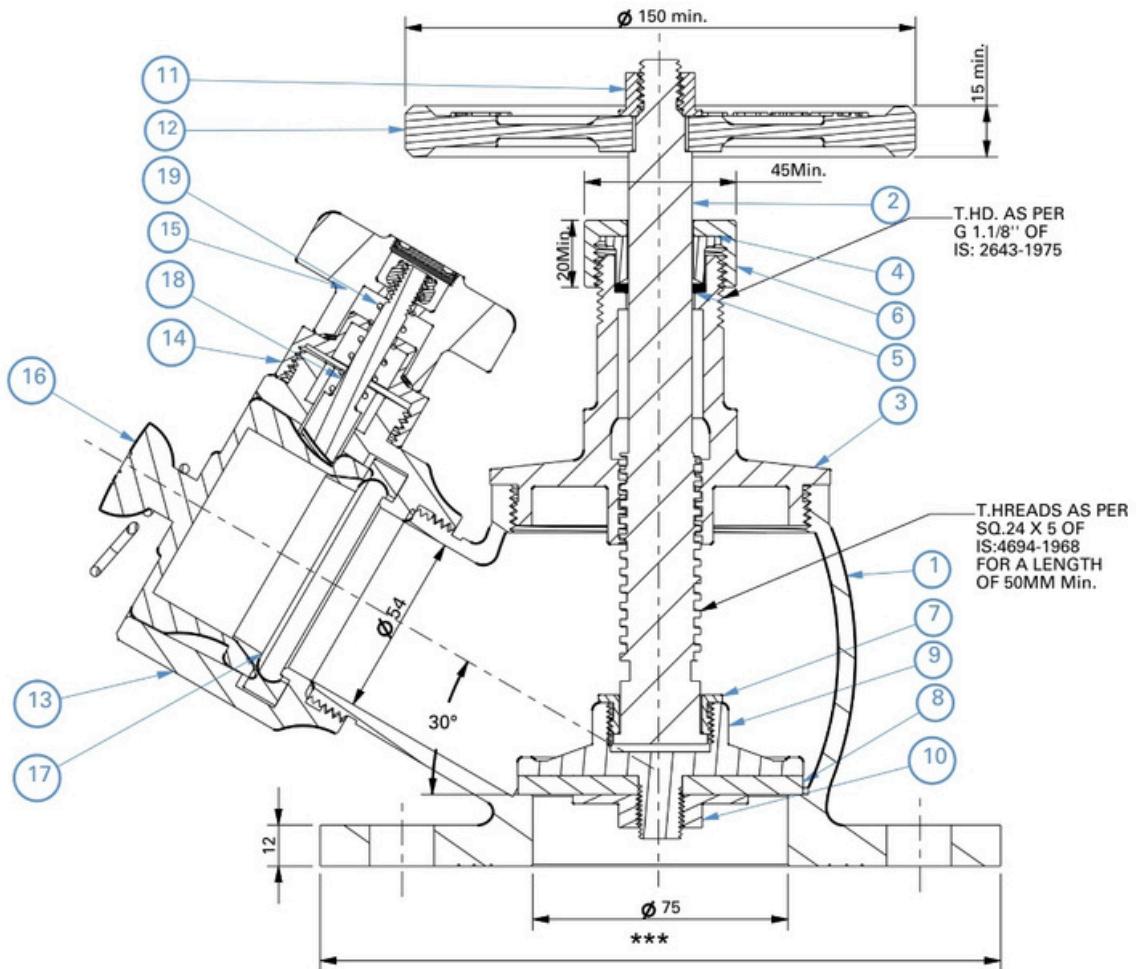


TABLE	FLANGE Ø	PCD	HOLES	HOLE Ø
IS: 1538	200mm	160mm	4	19 mm
ANSI B16.5 150#	190mm	152mm	4	19 mm

NO.	DESCRIPTION	MATERIAL	NO.	DESCRIPTION	MATERIAL
<b>PART LIST</b>					
<b>PART LIST</b>					



#### HYDRAULIC TEST:

SEAT TIGHTNESS : 14KGF/CM2. (FOR 2.5 MINUTES)

BODY : 21KGF/CM2. (FOR 2.5 MINUTES)

FLOW TEST : 900 LPM MIN @ 7KGF / CM2.



**Varistor Technologies Pvt. Ltd.**

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

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