

# Jain PVC Ball Valve – DU

Easy Double Union Control Device



## Features & Benefits



### Compact Double Union (DU) Design

Compact Double Union (DU) design, manufactured from high performance rigid uPVC compound



### Chemical Resistant Nitrile Rubber-O-Rings

Chemical resistant nitrile rubber-O-rings ensures leak proof operation for longer period.



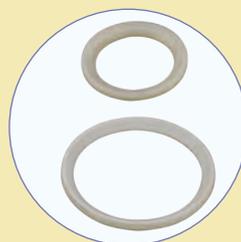
### Easy to Install and Dismantle.

Two union nuts provided for both ends provides easiness to install and dismantle valve



### Added with Safety

Added with safety for accidental loosening of the ball is prevented



### Innovative Two Types of Seat Rings

Available in two seat ring options - economical HDPE seat ring or leak resistance Teflon (PTFE) seat ring for high pressure applications.



### Equipped with Leak Proof Handle

Valve Stem with Stem 'O' ring prevents leakage from handle.

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## Additional Features

- Manufactured from high performance rigid uPVC compound
- Excellent chemical & corrosion resistance
- Low frictional losses.
- Available in 20 to 90 mm ( ½” to 3”) sizes
- Maximum operating pressure 16 kg/cm<sup>2</sup> (227 psi)
- Can be supplied with various option

## Application

- Used for flow control in irrigation & water supply lines

## Technical Specification

Nominal Diameter		Bore Diameter	Flow at 1 kg/cm <sup>2</sup> (14 psi) ▲ P		Max. Operating Pressure	
mm	inch	mm	lpm	gpm	kg/cm <sup>2</sup>	psi
20	½”	15	200	52.9	16	227
25	¾”	20	385	101.9	16	227
32	1”	25	770	203.7	16	227
40	1¼”	32	1100	291.0	10	142
50	1½”	40	1750	463.0	10	142
63	2”	50	3400	899.5	10	142
75	2½”	63	5250	1388.9	6	85
90	3”	80	7100	1878.3	6	85

\* For detailed code please refer the ordering specification.

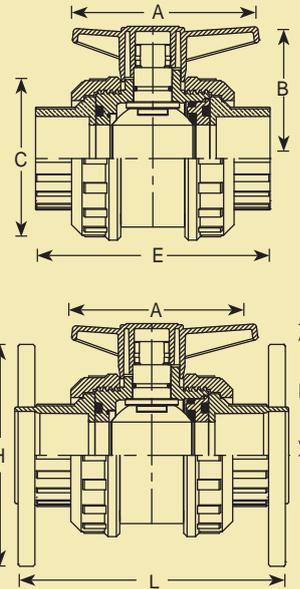
## List of Spares



Sr.	Description	Material
1	Union Nut	PVC
2	Socket	PVC / HDPE
3	Socket 'O' Ring	Nitrile
4	Seat Support	PVC
5	Body 'O' Ring	Nitrile
6	Seat Ring	HDPE/ PTFE
7	Ball	PVC
8	Body	PVC
9	Stem	PVC
10	Stem 'O' Ring	Nitrile
11	Handle	ABS

\* Female X Female, Solvent X HDPE Ends at both sides, compression end at both side

## Dimensional Specification



Nominal Diameter		A	B	C	D	E	L	H
mm	inch	mm						
20	½”	56.50	46.50	49.50	16.50	79.50	93.20	98.10
25	¾”	67.60	55.50	63.00	20.00	92.00	103.56	107.25
32	1”	75.20	62.50	68.00	23.00	103.00	117.28	118.30
40	1¼”	91.10	71.50	83.00	26.35	122.35	146.21	136.30
50	1½”	111.00	80.00	97.00	32.00	140.15	159.61	158.00
63	2”	135.60	95.50	118.00	36.00	171.35	191.39	180.70
75	2½”	148.00	114.30	138.00	44.20	207.90	228.52	219.15
90	3”	194.00	153.00	181.00	52.00	273.00	315.00	185.00

## Ordering Specifications

BV	XX	X	XX
	Size, mm	Seat Ring Material	Type of Connection
	20	H - HDPE T - Teflon (PTFE)	SW - Solvent Welded FF - BSP Female x Female Threaded MM - BSP Male x Male Threaded MF - BSP Male x Female Threaded BF - BS Flanged AF - ANSI Flanged HBF - HDPE Pipe End
	25		
	32		
	40		
	50		
	63		
	75		
	90		

Example: BV50HFF - This code represents Jain PVC Ball Valves® - DU of Size 50 mm BSP female threaded connection with HDPE seat ring.