

UBV Series

Union Ball Valves

Single & Double union



Metzer's union Ball valves are designed to provide reliable and durable performance in various water systems, including field irrigation, nurseries, and greenhouses. Crafted from high-quality PVC material, It ensures excellent corrosion and UV resistance. Valves' single and double union options allow user friendly operation and design flexibility, making it an ideal choice for reliable irrigation systems.

HIGHLIGHTS

- Available in high quality PVC material.
- Connections – Threaded (BSP, NPT & BSPT)
Solvent Glued Socket end available in ISO, ASTM, BS and DIN standard
- User friendly design allows smooth handle operation with low operational torque.
- Corrosion resistant and UV stabilized.
- Durable, reliable and easy for maintenance.
- Ideal for application in temperature upto 50° C

APPLICATIONS

- Manual shut-off for distribution lines in irrigation systems.
- Shutoff valve for overhead sprinklers.
- Use as isolation valves.

Technical Data (PVC Ball Valves PN-16 /10)

Single Union Ball (SUB)

Nominal Diameter	DN	PN	Connection Type	Connection End	Product Dimensions		
					A	B	C
3/4"	20		Single Union	Female Threaded x Female Threaded / Solvent Glued	6	8.5	8.3
			Single Union	Male Threaded x Female Threaded	6	8.5	10
1"	25		Single Union	Female Threaded x Female Threaded / Solvent Glued	7	9.5	9
			Single Union	Male Threaded x Female Threaded	7	9.5	10.5
1/4"	32	16	Single Union	Female Threaded x Female Threaded / Solvent Glued	10.5	11	12.3
			Single Union	Male Threaded x Female Threaded	10.5	11	12.4
1 1/2"	40		Single Union	Female Threaded x Female Threaded / Solvent Glued	12	13.5	13.7
			Single Union	Male Threaded x Female Threaded	12	13.5	13.7
2"	50		Single Union	Female Threaded x Female Threaded / Solvent Glued	15	15.5	16.5
			Single Union	Male Threaded x Female Threaded	15	15.5	16.5
2 1/2"	65		Single Union	Female Threaded x Female Threaded / Solvent Glued	16	17.5	19
			Single Union	Male Threaded x Female Threaded	16	17.5	18
3"	80	10	Single Union	Female Threaded x Female Threaded / Solvent Glued	20	22.5	22.3
			Single Union	Male Threaded x Female Threaded	20	22.5	23
4"	100		Single Union	Female Threaded x Female Threaded / Solvent Glued	27	26.5	27
			Single Union	Male Threaded x Female Threaded	27	26.5	27

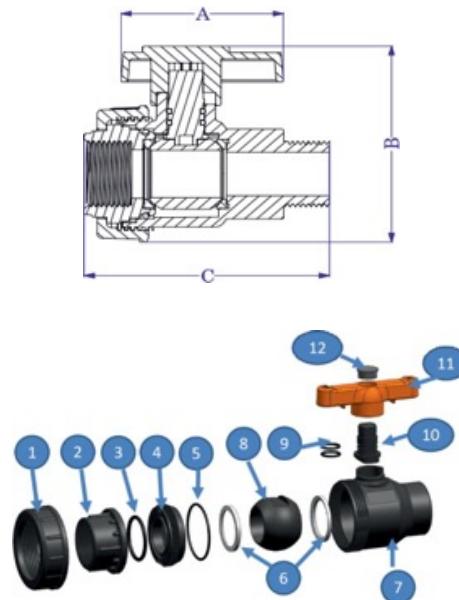
Double Union Ball (DUB)

Nominal Diameter	DN	PN	Connection Type	Connection End	Product Dimensions		
					A	B	C
1"	25		Double Union	Female Threaded x Female Threaded / Solvent Glued	7	10	11
			Double Union	Female Threaded x Female Threaded / Solvent Glued	12	13.5	15
2"	50	16	Double Union	Female Threaded x Female Threaded / Solvent Glued	15	16	17.5
			Double Union	Female Threaded x Female Threaded / Solvent Glued	16	17	21.5
3"	80	10	Double Union	Female Threaded x Female Threaded / Solvent Glued	20	22.5	24.5



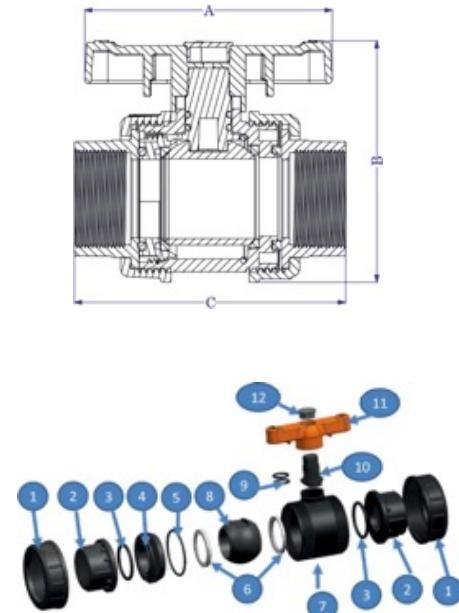
Single Union

Part No	Part Name	Material	Quantity
1	Ring	PVC	1
2	Socket	PVC	1
3	Small O-ring	NBR	1
4	Bush	PVC	1
5	Big O-ring	NBR	1
6	Seal	TPE	2
7	Body	PVC	1
8	Ball	PVC	1
9	Shaft O-ring	NBR	2
10	Shaft	PVC	1
11	Handle	PPGF	1
12	Handle Logo	PPGF	1



Double Union

Part No	Part Name	Material	Quantity
1	Ring	PVC	2
2	Socket	PVC	2
3	Small O-ring	NBR	2
4	Bush	PVC	1
5	Big O-ring	NBR	1
6	Seal	TPE	2
7	Body	PVC	1
8	Ball	PVC	1
9	Shaft O-ring	NBR	2
10	Shaft	PVC	1
11	Handle	PPGF	1
12	Handle Logo	PPGF	1



Keep in touch!

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