SINGLE UNION BALL VALVE “302”



TECHNICAL FEATURES

- Single union ball valve for irrigation and water supply systems.
- Free ball support for quick, easy installation and convenient maintenance.
- Versions: ISO metric (1V302) and BS standard (3V302) plain solvent weld socket; BSP female threaded socket (1V301).



DN 10 ÷ 50

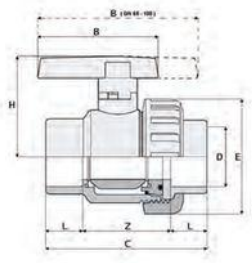
Shown on the title band: DN 65 ÷ 100.

TECHNICAL SPECIFICATIONS

Construction	Single union grey PVC ball valve, with free ball support
Size range	DN 10 ÷ 100
Nominal pressure	DN 10 ÷ 50: PN16 with water at 20 °C DN 65 ÷ 80: PN10 with water at 20 °C DN 100: PN6 with water at 20 °C
Temperature range	0 °C ÷ 60 °C
Coupling standards	Solvent welding: ISO 727, EN ISO 1452-4 (model 1V302); BS 4346-1 (model 3V302) Thread: UNI ISO 228-1, ISO 7-1, UNI EN ISO 1452-4 (model 1V301)
Valve material	PVC-U
Seal material	EPDM (O-ring) PE (ball seats)
Control options	Manual control

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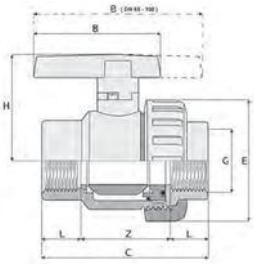
OVERALL DIMENSION



1V302

Single union grey PVC ball valve, ISO metric plain solvent weld socket, with free ball support. EPDM seals. PE ball seats.

D	PN	DN	L	Z	C	E	H	B	g	CODE
16	16	10	15	41	71	50	50	57	97	1V30216000H
20	16	15	16	42	74	50	50	57	100	1V30220000H
25	16	20	19	48	86	59	55	66	155	1V30225000H
32	16	25	22	56	100	68	63	75	240	1V30232000H
40	16	32	26	62	114	80	76	90	350	1V30240000H
50	16	40	31	74	136	96	88	103	550	1V30250000H
63	16	50	38	86	162	116	102	121	930	1V30263000H
75	10	65	44	122	210	168	138	225	2600	1V30275000LW
90	10	80	51	124	226	168	138	225	2700	1V30290000LW
110	6	100	61	150	272	210	171	280	4700	1V30211000LW



1V301

Single union grey PVC ball valve, BSP female threaded socket, with free ball support. EPDM seals. PE ball seats.

G	PN	DN	L	Z	C	E	H	B	g	CODE
3/8"	16	10	13	45	71	50	50	57	96	1V30116000H
1/2"	16	15	17	40	74	50	50	57	105	1V30120000H
3/4"	16	20	19	48	86	59	55	66	160	1V30125000H
1"	16	25	22	56	100	68	63	75	240	1V30132000H
1"1/4	16	32	24	66	114	80	76	90	355	1V30140000H
1"1/2	16	40	24	88	136	96	88	103	575	1V30150000H
2"	16	50	29	104	162	116	102	121	960	1V30163000H
2"1/2	10	65	33	144	210	168	138	225	2700	1V30175000LW
3"	10	80	36	154	226	168	138	225	2800	1V30190000LW
4"	6	100	42	188	272	210	171	280	4700	1V30111000LW

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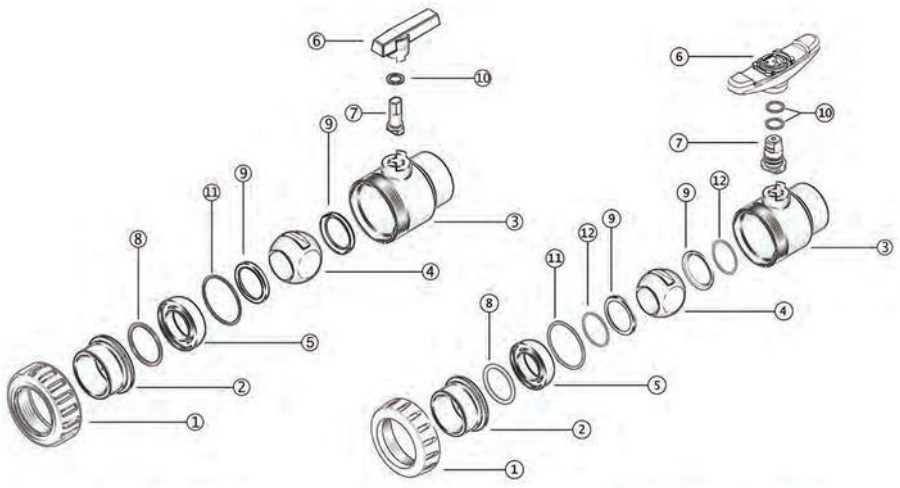
3V302

Single union grey PVC ball valve, BS standard plain solvent weld socket, with free ball support. EPDM seals. PE ball seats. Dimension drawing as 1V302.

G	PN	DN	L	Z	C	E	H	B	g	CODE
3/8"	16	10	15	41	71	50	50	57	96	3V30216000H
1/2"	16	15	17	40	74	50	50	57	100	3V30220000H
3/4"	16	20	19	48	86	59	55	66	155	3V30225000H
1"	16	25	22	56	100	68	63	75	240	3V30232000H
1"1/4	16	32	26	62	114	80	76	90	350	3V30240000H
1"1/2	16	40	31	74	136	96	88	103	550	3V30250000H
2"	16	50	38	86	162	116	102	121	930	3V30263000H
2"1/2	10	65	44	122	210	168	138	225	2600	1V30275000LW
3"	10	80	51	124	226	168	138	225	2700	3V30290000LW
4"	6	100	61	150	272	210	171	280	4700	3V30211000LW

Dimensions in mm; weight (g) in grams.

COMPONENTS



DN 10 ÷ 50 DN 65 ÷ 100

No.	COMPONENT	MATERIAL	QTY	No.	COMPONENT	MATERIAL	QTY
1	Nut	PVC-U	1	7	Stem	PVC-U	1
2	Union end	PVC-U	1	8	Socket O-ring	EPDM	1
3	Body	PVC-U	1	9	Ball seat	PE	2
4	Ball	PVC-U	1	10*	Stem O-ring	EPDM	1
5	Support	PVC-U	1	11	Radial O-ring	EPDM	1
6	Handle	PVC-U	1	12**	Ball seat O-ring	EPDM	2

** 2 pcs for DN 65 ÷ 100. ** Only for DN 65 ÷ 100. Specifications are subject to change without notice.*