TRUE UNION FOOT BALL VALVE “210”



TECHNICAL FEATURES

TRUE UNION FOOT BALL VALVE

- The 210 is a true union foot ball valve, radially disassemblable and installable in vertical position, which allows the flow only in one direction.
- Versions available: ISO metric (1V210) and BS standard (3V210) plain solvent weld socket, BSP female threaded socket (1V211).
- Customization system consisting of transparent protective cap and label tag (DN 65-100).
- Visual indication on the body for correct installation.
- Available to be produced in other international standards (ASTM, JIS, NPT) upon request.



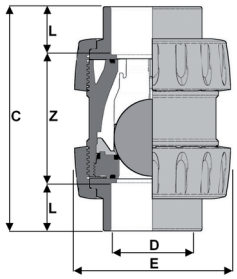
DN 10 ÷ 100

TECHNICAL SPECIFICATIONS

Construction	True union foot spheric ball valve, radially disassemblable
Size range	DN 10 ÷ 100
Nominal pressure	DN 10÷50: PN16 with water at 20 °C DN 65÷100: PN10 with water at 20 °C
Temperature range	0 °C ÷ 60 °C
Coupling standards	**Solvent welding:** ISO metric (model 1V210) and BS standard (model 3V210) **Thread:** BSP standard female (model 1V211).
Minimum sealing pressure	0,2 bar
Valve material	PVC-U
Seal material	EPDM (O-Ring and ball seats)
Control options	Manual control

TRUE UNION FOOT BALL VALVE “210”

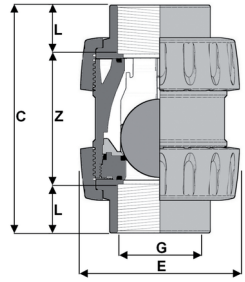
DIMENSIONS



1V210

True union grey PVC foot spheric ball valve, ISO metric plain solvent weld socket. EPDM seals.

D	PN	DN	L	Z	C	E	g	Code
16	16	10	14	54	82	53	100	1V21001600
20	16	15	16	50	82	53	105	1V21002000
25	16	20	19	53	91	62	150	1V21002500
32	16	25	22	59	103	71	250	1V21003200
40	16	32	26	68	120	84	370	1V21004000
50	16	40	31	77	139	98	590	1V21005000
63	16	50	38	98	174	117	990	1V21006300
75	10	65	44	123	211	157	2605	SXEIV075E
90	10	80	51	146	248	174	3300	SXEIV090E
110	10	100	61	161	283	212	5770	SXEIV110E

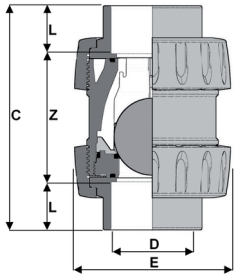


1V211

True union grey PVC foot spheric ball valve, BSP female threaded socket. EPDM seals.

G	PN	DN	L	Z	C	E	g	Code
3/8"	16	10	13	56	82	53	100	1V21101600
1/2"	16	15	17	56	90	53	105	1V21102000
3/4"	16	20	19	55	93	62	150	1V21102500
1"	16	25	22	66	110	71	250	1V21103200
1"1/4	16	32	24	79	127	84	370	1V21104000
1"1/2	16	40	24	83	131	98	590	1V21105000
2"	16	50	29	103	161	117	990	1V21106300
2"1/2	10	65	30,2	150,6	211	157	2605	SXEFV212E
3"	10	80	33,3	181,4	248	174	3300	SXEFV300E
4"	10	100	39,3	204,4	283	212	5770	SXEFV400E

TRUE UNION FOOT BALL VALVE “210”



3V210

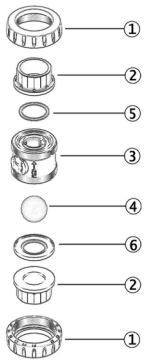
True union grey PVC foot spheric ball valve, BS Standard plain solvent weld socket. EPDM seals.

D	PN	DN	L	Z	C	E	g	Code
3/8"	16	10	15	52	82	53	100	3V21001600
1/2"	16	15	17	48	82	53	105	3V21002000
3/4"	16	20	19	53	91	62	150	3V21002500
1"	16	25	22	59	103	71	250	3V21003200
1"1/4	16	32	26	68	120	84	370	3V21004000
1"1/2	16	40	31	77	139	98	590	3V21005000
2"	16	50	38	98	174	117	990	3V21006300
2"1/2	10	65	44	123	211	157	2605	SXEIV075E
3"	10	80	51	146	248	174	3300	SXELV300E
4"	10	100	61	157	283	212	5770	SXELV400E

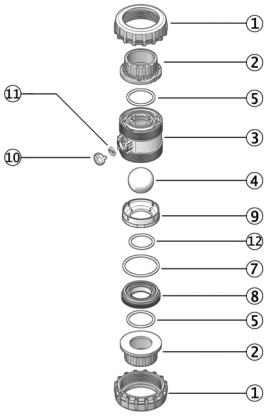
TRUE UNION FOOT BALL VALVE “210”

COMPONENTS

EXPLODED VIEW



DN 10 ÷ 50



DN 65 ÷ 100

No.	COMPONENT	No.	COMPONENT	No.	COMPONENT
1	Nut (PVC-U - 2)	5	Socket O-ring (EPDM - 2)	9	Packing presser ring (PVC-U - 1)
2	Union end (PVC-U - 2)	6	Ball seat (EPDM - 1)	10	Transparent service plug (PVC-U - 1)
3	Body (PVC-U - 1)	7	Radial O-ring (EPDM - 1)	11	Tag holder (PVC-U - 1)
4	Ball (PVC-U - 1)	8	Support (PVC-U - 1)	12	Ball O-ring (EPDM - 1)

Inside brackets are indicated the material and the quantity supplied for each component.

Dimensions in mm; g = weight in grams. Specifications are subject to change without notice.