TRUE UNION AIR RELEASE BALL VALVE “220”



TECHNICAL FEATURES

TRUE UNION AIR RELEASE BALL VALVE

- The 220 is a true union air release ball valve, radially disassemblable and installable in vertical position, which allows the ejection of air from the system.
- Versions available: ISO metric (1V220) and BS standard (3V220) plain solvent weld socket, BSP female threaded socket (1V221).
- Visual indication on the body for correct installation.
- Available to be produced in other international standards (ASTM, JIS, NPT) upon request.



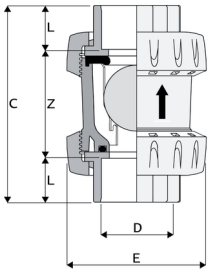
DN 10 ÷ 50

TECHNICAL SPECIFICATIONS

Construction	True union grey PVC air release spheric ball valve, radially disassemblable
Size range	DN 10 ÷ 50
Nominal pressure	PN 16 with water at 20 °C
Temperature range	0 °C ÷ 60 °C
Coupling standards	**Solvent welding:** ISO metric (model 1V220), BS standard (model 3V220) **Thread:** BSP (model 1V221)
Valve material	PVC-U
Seal material	EPDM (O-Ring and ball seats)
Control options	Manual control

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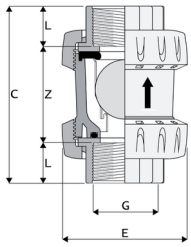
DIMENSIONS



1V220

True union grey PVC air release 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	95	1V22001600
20	16	15	16	50	82	53	100	1V22002000
25	16	20	19	53	91	62	140	1V22002500
32	16	25	22	59	103	71	230	1V22003200
40	16	32	26	68	120	84	350	1V22004000
50	16	40	31	77	139	98	560	1V22005000
63	16	50	38	98	174	117	950	1V22006300

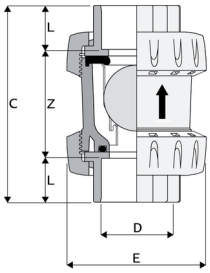


1V221

True union grey PVC air release 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	95	1V22101600
1/2"	16	15	17	56	90	53	100	1V22102000
3/4"	16	20	19	55	93	62	140	1V22102500
1"	16	25	22	66	110	71	230	1V22103200
1"1/4	16	32	24	79	127	84	350	1V22104000
1"1/2	16	40	24	83	131	98	560	1V22105000
2"	16	50	29	103	161	117	950	1V22106300

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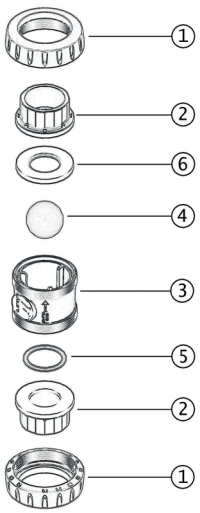
3V220

True union grey PVC air release 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	95	3V22001600
1/2"	16	15	17	48	82	53	100	3V22002000
3/4"	16	20	19	53	91	62	140	3V22002500
1"	16	25	22	59	103	71	230	3V22003200
1"1/4	16	32	26	68	120	84	350	3V22004000
1"1/2	16	40	31	77	139	98	560	3V22005000
2"	16	50	38	98	174	117	950	3V22006300

COMPONENTS

EXPLODED VIEW



No.	COMPONENT	No.	COMPONENT	No.	COMPONENT
1	Nut (PVC-U - 2)	3	Body (PVC-U - 1)	5	Socket O-ring (EPDM - 1)
2	Union end (PVC-U - 2)	4	Ball (PP - 1)	6	Ball seat (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.