TRUE UNION SPRING CHECK VALVE “230”



TECHNICAL FEATURES

TRUE UNION SPRING CHECK VALVE

- The 230 is a true union spring check valve, radially disassemblable and installable in horizontal or in vertical position, which allows the flow only in one direction.
- Versions available: ISO metric (1V230) and BS standard (3V230) plain solvent weld socket, BSP female threaded socket (1V231).
- Customization system consisting of transparent protective cap and label tag (DN 65-100).
- Stainless Steel AISI 316 spring.
- Available to be produced in other international standards (ASTM, JIS, NPT) upon request.



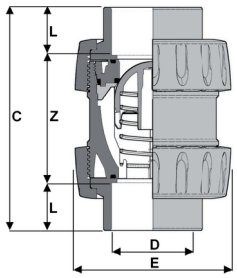
DN 10 ÷ 100

TECHNICAL SPECIFICATIONS

Construction	True union grey PVC spring check 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
Minimum sealing pressure	0,08 bar
Coupling standards	**Solvent welding:** ISO metric (model 1V230) and BS standard (model 3V230) **Thread:** Standard BSP (Model 1V231)
Valve material	PVC-U
Seal material	EPDM (O-ring)
Control options	Manual control

TRUE UNION SPRING CHECK VALVE “230”

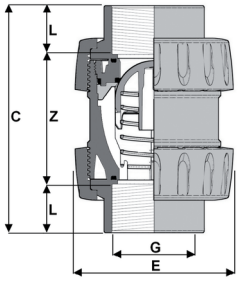
DIMENSIONS



1V230

True union grey PVC spring check valve, ISO metric plain solvent weld socket.
Stainless Steel AISI 316 spring.
EPDM seals.

D	PN	DN	L	Z	C	E	g	Code
16	16	10	14	54	82	53	100	1V23001600
20	16	15	16	50	82	53	105	1V23002000
25	16	20	19	53	91	62	150	1V23002500
32	16	25	22	59	103	71	250	1V23003200
40	16	32	26	68	120	84	370	1V23004000
50	16	40	31	77	139	98	590	1V23005000
63	16	50	38	98	174	117	990	1V23006300
75	10	65	44	123	211	157	2480	SSEIV075E
90	10	80	51	146	248	174	3090	SSEIV090E
110	10	100	61	161	283	212	5370	SSEIV110E

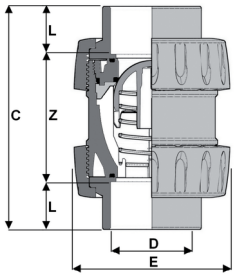


1V231

True union grey PVC spring check valve, BSP female threaded socket.
Stainless Steel AISI 316 spring.
EPDM seals.

G	PN	DN	L	Z	C	E	g	Code
3/8"	16	10	13	56	82	53	100	1V23101600
1/2"	16	15	17	56	90	53	105	1V23102000
3/4"	16	20	19	55	93	62	150	1V23102500
1"	16	25	22	66	110	71	250	1V23103200
1"1/4	16	32	24	79	127	84	370	1V23104000
1"1/2	16	40	24	83	131	98	590	1V23105000
2"	16	50	29	103	161	117	990	1V23106300
2"1/2	10	65	30,2	150,6	211	157	2480	SSEFV212E
3"	10	80	33,3	181,4	248	174	3090	SSEFV300E
4"	10	100	39,3	204,4	283	212	5370	SSEFV400E

TRUE UNION SPRING CHECK VALVE “230”



3V230

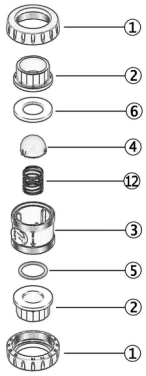
True union grey PVC spring check valve, BS Standard plain solvent weld socket.
Stainless Steel AISI 316 spring.
EPDM seals.

D	PN	DN	L	Z	C	E	g	Code
3/8"	16	10	15	52	82	53	100	3V23001600
1/2"	16	15	17	48	82	53	105	3V23002000
3/4"	16	20	19	53	91	62	150	3V23002500
1"	16	25	22	59	103	71	250	3V23003200
1"1/4	16	32	26	68	120	84	370	3V23004000
1"1/2	16	40	31	77	139	98	590	3V23005000
2"	16	50	38	98	174	117	990	3V23006300
2"1/2	10	65	44	123	211	157	2480	SSEIV075E
3"	10	80	51	146	248	174	3090	SSELV300E
4"	10	100	63	157	283	212	5370	SSELV400E

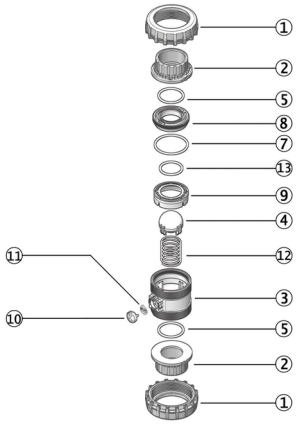
TRUE UNION SPRING CHECK VALVE “230”

COMPONENTS

EXPLODED VIEW



DN 10 ÷ 50



DN 65 ÷ 100

No.	COMPONENT	No.	COMPONENT	No.	COMPONENT
1	Nut (PVC-U - 2)	6	Piston gasket (EPDM - 1)	11	Tag holder (PVC-U - 1)
2	Union end (PVC-U - 2)	7	Radial seal O-ring (EPDM - 1)	12	Spring (Stainless Steel AISI 316 - 1)
3	Body (PVC-U - 1)	8	Support (PVC-U - 1)	13	Piston O-ring (EPDM - 1)
4	Piston (PVC-U - 1)	9	Packing presser ring (PVC-U - 1)		
5	Socket O-ring (EPDM - 1)	10	Transparent service plug (PVC-U - 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.