

TECHNICAL CATALOGUE MANUAL VALVES AND LOCKSHIELDS



> THE COMPANY

ITAP SpA, founded in Lumezzane (Brescia) in 1972, is currently one of the leading production companies in Italy of **valves**, **fittings and distribution manifolds** for plumbing and heating systems.

Thanks to a fully automated production process, with 85 transfer machines and 55 assembly lines, it is capable of producing 400,000 pieces per day.

Our innate pursuit for innovation and observance of technical regulations is supported by the company certification ISO 9001. The company has always considered its focus on quality as the main tool to obtain significant business results: today ITAP SpA is proud to offer products bearing the approval of numerous international certifying bodies.









SOLUTIO



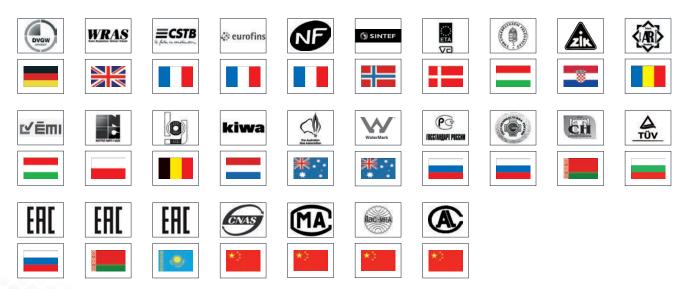








> ITAP products have obtained approvals by more than 30 certification bodies from all over the world.



294 Straight manual valve

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



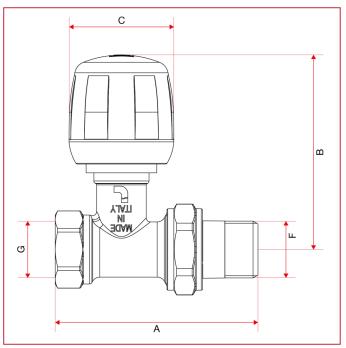
MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	2940012	12/72
3/4" (DN 20)	10bar/145psi	2940034	8/64

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

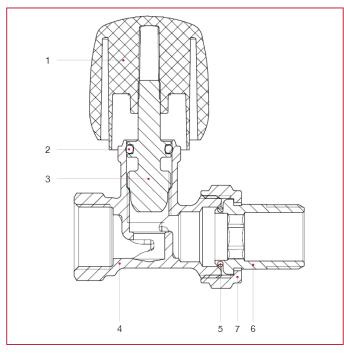
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	1/2"	3/4"
DN	15	20
А	73,5	77,5
В	70,6	72,1
С	38	38
F	1/2"	3/4"
G	1/2"	3/4"
Kg/cm2 bar	10	10
LBS - psi	145	145

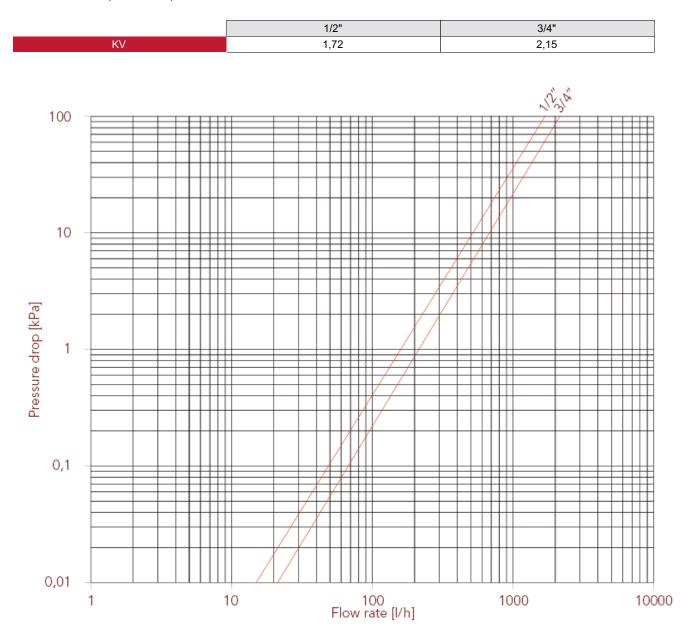
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

Citap

LOSS DIAGRAM (With water)





296 Straight lockshield

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



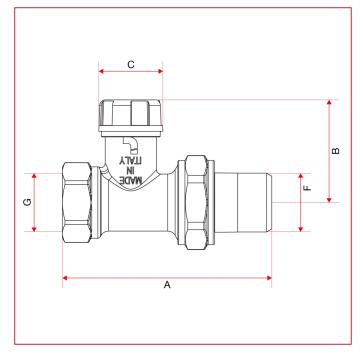
MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	2960012	12/144
3/4" (DN 20)	10bar/145psi	2960034	8/72

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

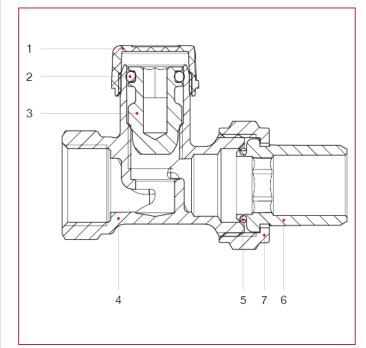
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	1/2"	3/4"
DN	15	20
А	73,5	77,5
В	36	39
С	22,5	22,5
F	1/2"	3/4"
G	1/2"	3/4"
Kg/cm2 bar	10	10
LBS - psi	145	145

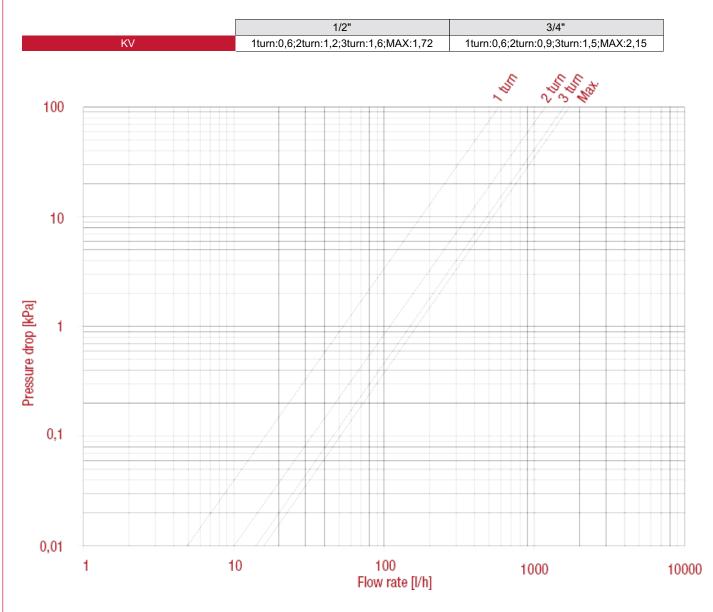
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

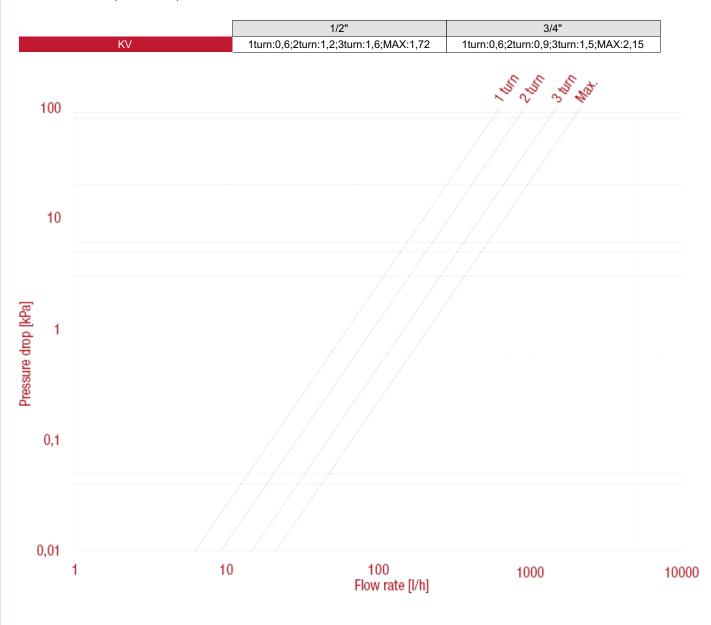


LOSS DIAGRAM (With water) size 1/2"





LOSS DIAGRAM (With water) size 3/4"





394 Angle manual valve

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



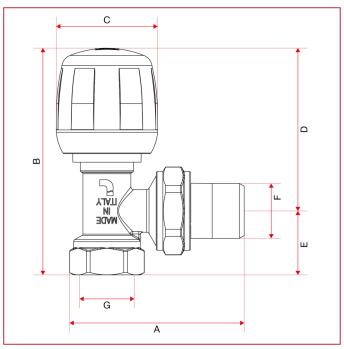
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10) 10bar/145psi	3940038	12/96
1/2" (DN 15) 10bar/145psi	3940012	12/96
3/4" (DN 20) 10bar/145psi	3940034	8/64

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

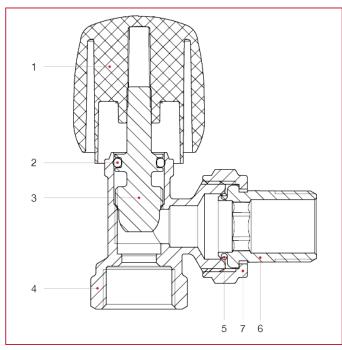
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"	3/4"
DN	10	15	20
А	49	51,5	58
В	82,6	85,1	86,8
С	38	38	38
D	61,1	61,1	63,4
E	21,5	24	23,4
F	3/8"	1/2"	3/4"
G	3/8"	1/2"	3/4"
Kg/cm2 bar	10	10	10
LBS - psi	145	145	145

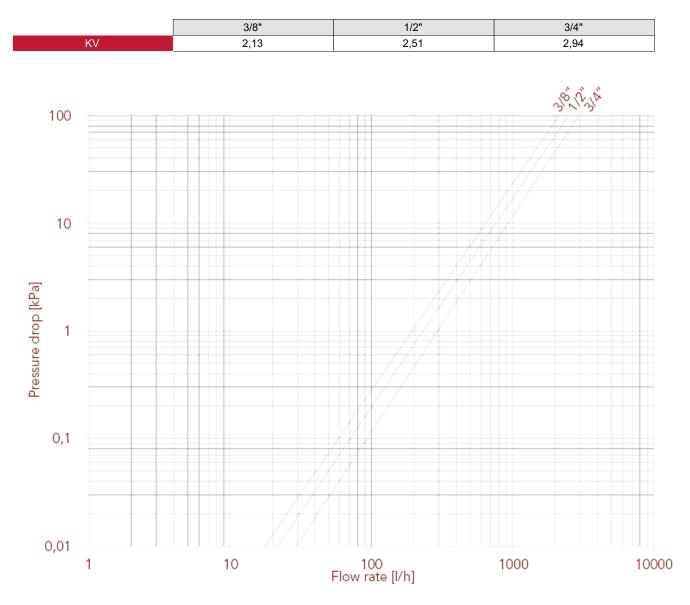
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N



LOSS DIAGRAM (With water)





396 Angle lockshield

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



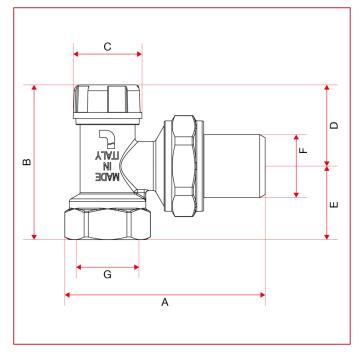
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)	10bar/145psi	3960038	12/144
1/2" (DN 15)	10bar/145psi	3960012	12/144
3/4" (DN 20)	10bar/145psi	3960034	8/72

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

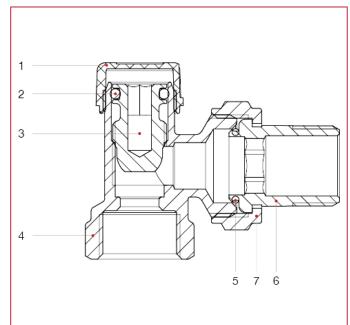
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"	3/4"
DN	10	15	20
А	49	51,5	58
В	48	50,5	53,7
С	22,5	22,5	25
D	26,5	26,5	30,3
E	21,5	24	23,4
F	3/8"	1/2"	3/4"
G	3/8"	1/2"	3/4"
Kg/cm2 bar	10	10	10
LBS - psi	145	145	145

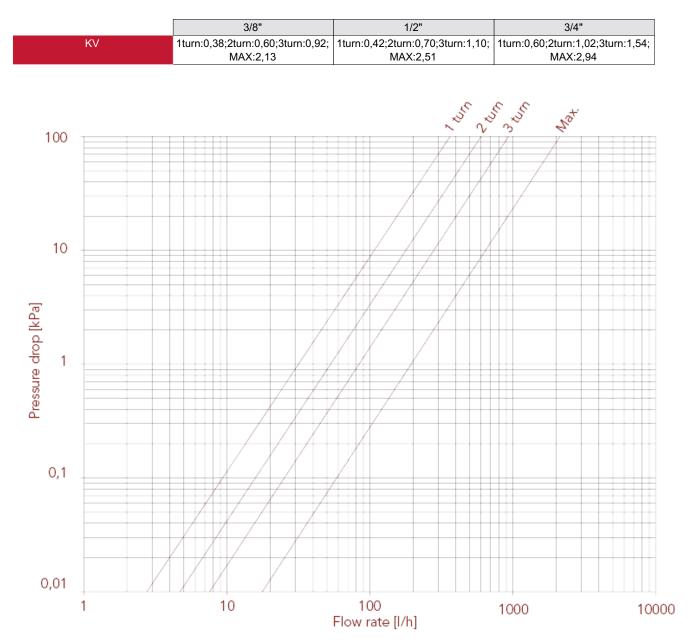
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

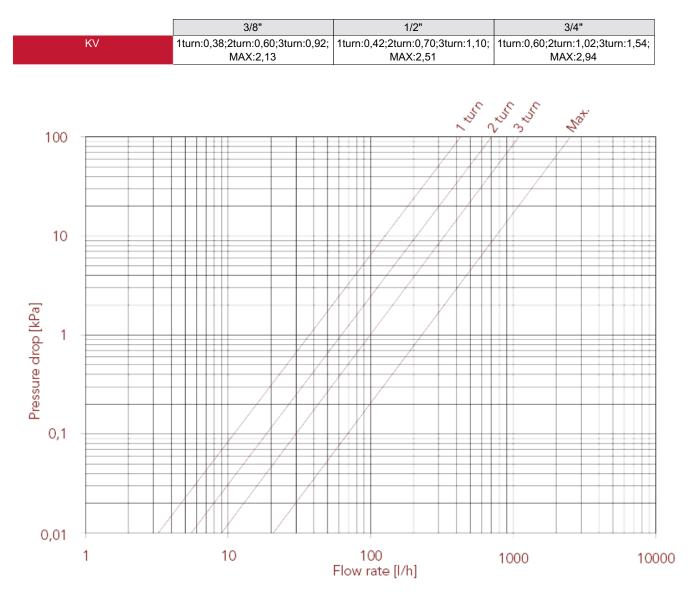


LOSS DIAGRAM (With water) size 3/8"



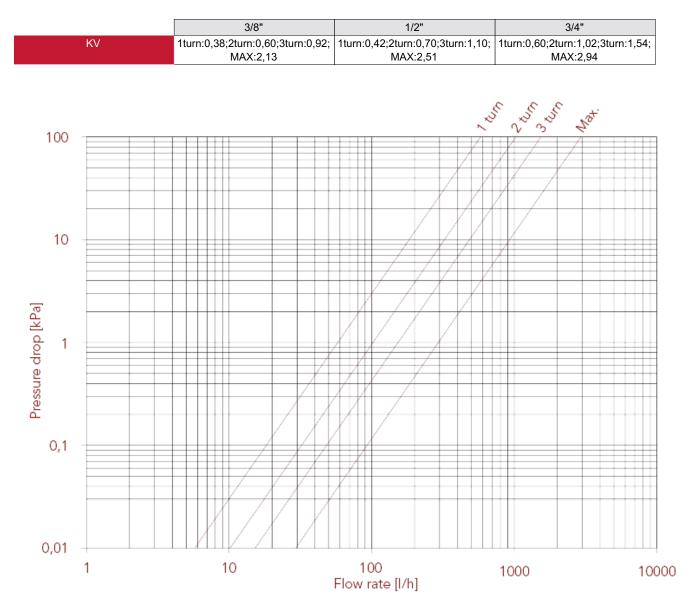


LOSS DIAGRAM (With water) size 1/2"





LOSS DIAGRAM (With water) size 3/4"





295 Straight manual valve

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



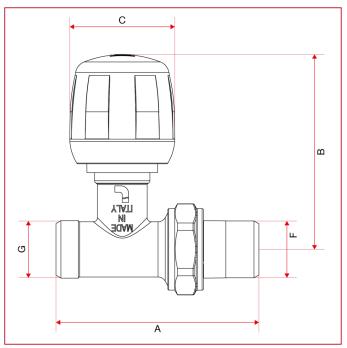
MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	2950012	12/72

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

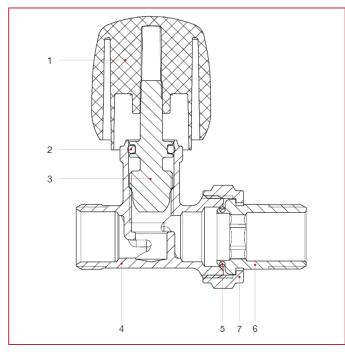
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	1/2"
DN	15
А	73,5
В	70,6
С	38
F	1/2"
G	1/2"
Kg/cm2 bar	10
LBS - psi	145

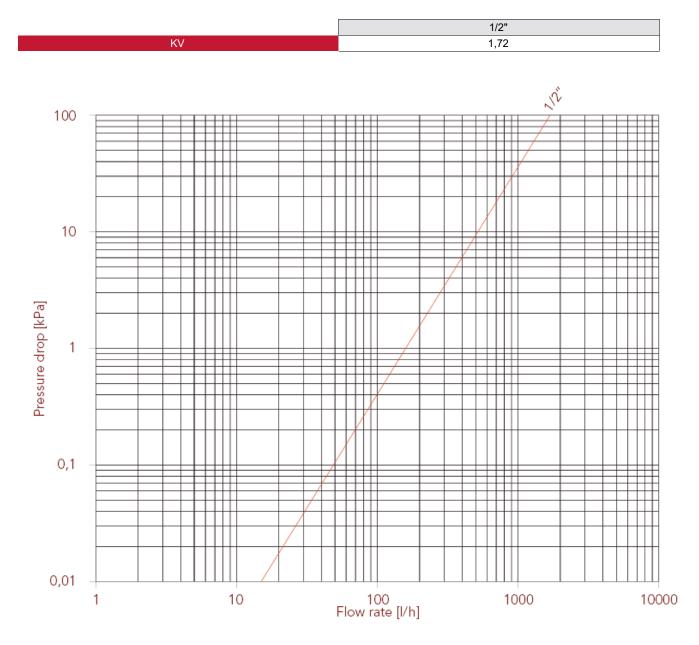
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

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LOSS DIAGRAM (With water)





297 Straight lockshield

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



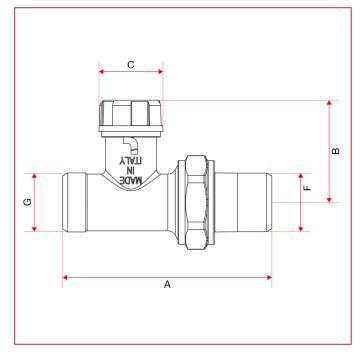
1/2" (DN 15) 10bar/145psi 2970012 12/132	MEASURE	PRESSURE	CODE	PACKING
	1/2" (DN 15)	10bar/145psi	2970012	12/132

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

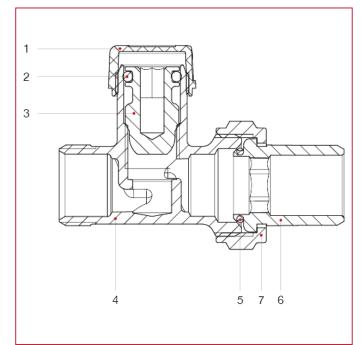
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





1/2"
15
73,5
36
22,5
1/2"
1/2"
10
145

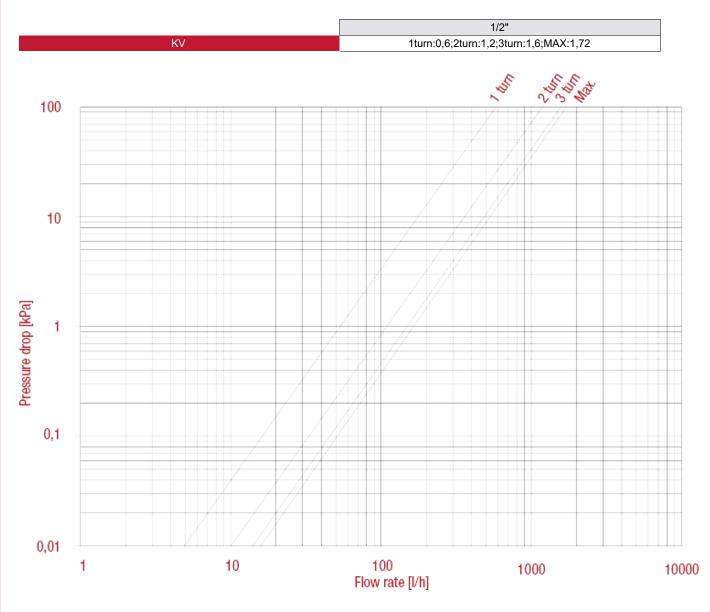
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

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LOSS DIAGRAM (With water)





395 Angle manual valve

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



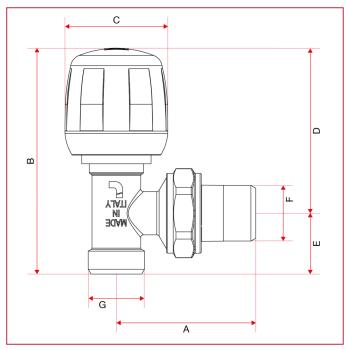
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)	10bar/145psi	3950038	12/96
1/2" (DN 15)	10bar/145psi	3950012	12/96

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

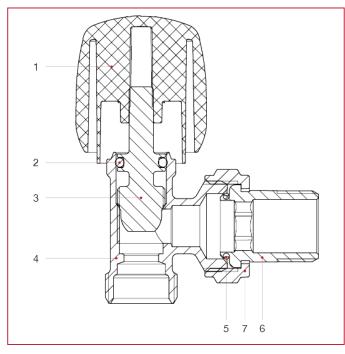
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"
DN	10	15
А	49	51,5
В	83,6	83,6
С	38	38
D	61,1	61,1
E	22,5	22,5
F	3/8"	1/2"
G	1/2"	1/2"
Kg/cm2 bar	10	10
LBS - psi	145	145

MATERIALS

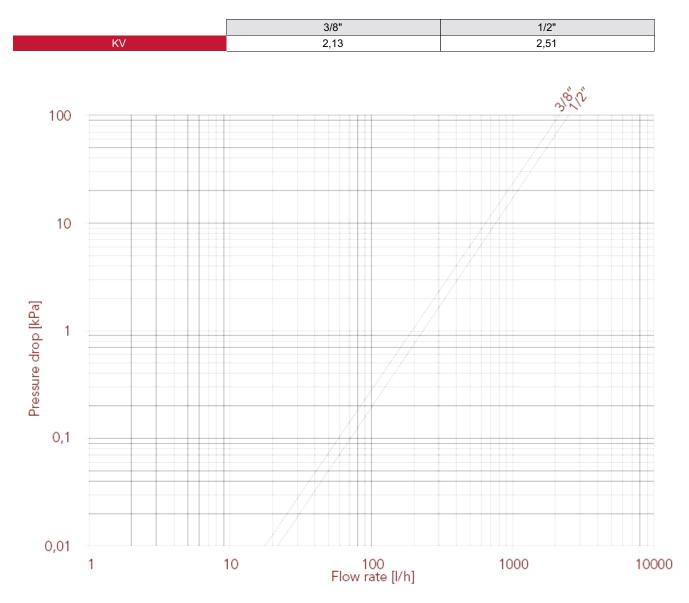


POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

Citap

LOSS DIAGRAM (With water)

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397 Angle lockshield

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



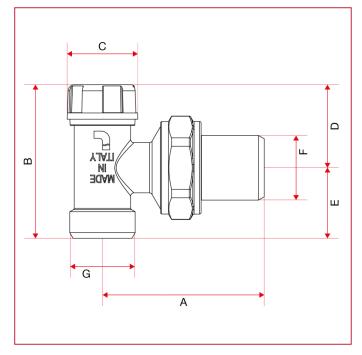
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)	10bar/145psi	3970038	12/144
1/2" (DN 15)	10bar/145psi	3970012	12/144

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

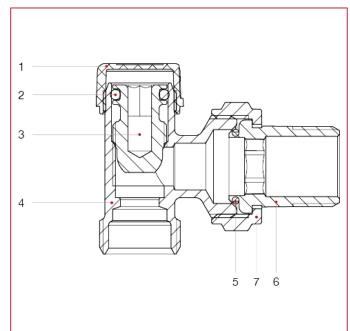
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"
DN	10	15
А	49	51,5
В	49	49
С	22,5	22,5
D	26,5	26,5
E	22,5	22,5
F	3/8"	1/2"
G	1/2"	1/2"
Kg/cm2 bar	10	10
LBS - psi	145	145

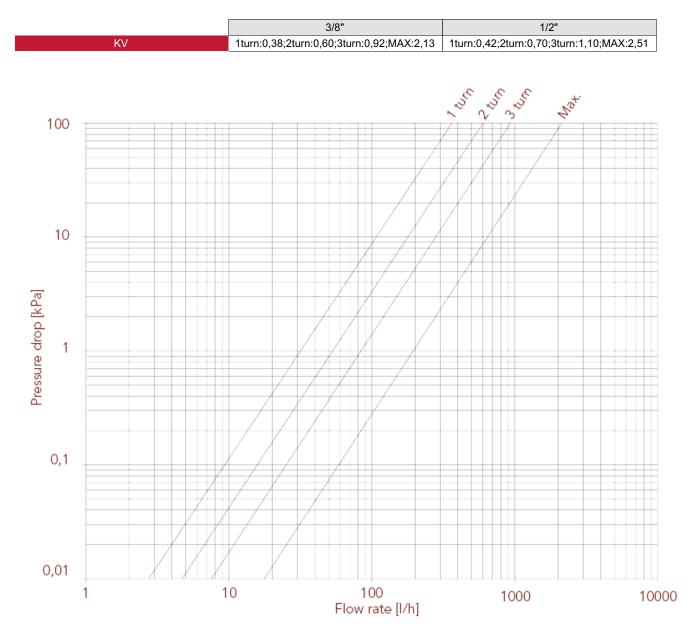
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N

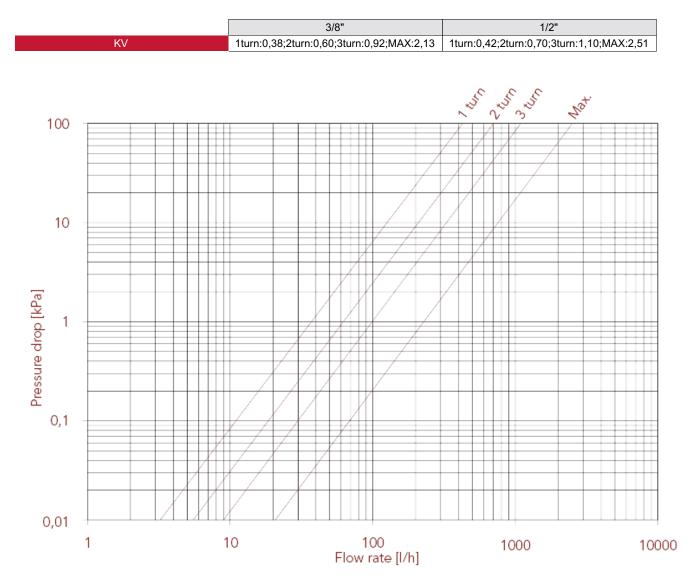


LOSS DIAGRAM (With water) size 3/8"





LOSS DIAGRAM (With water) size 1/2"





294S Straight manual valve

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



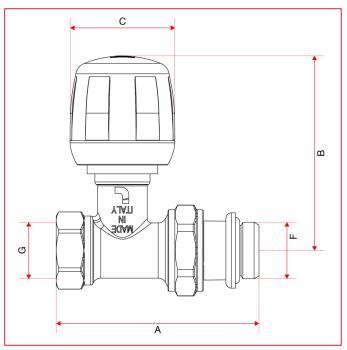
MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	2940012S	12/84
3/4" (DN 20)	10bar/145psi	2940034S	10/60

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

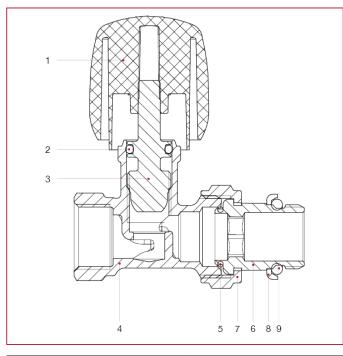
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	1/2"	3/4"
DN	15	20
А	73,5	77,5
В	70,6	72,1
С	38	38
F	1/2"	3/4"
G	1/2"	3/4"
Kg/cm2 bar	10	10
LBS - psi	145	145

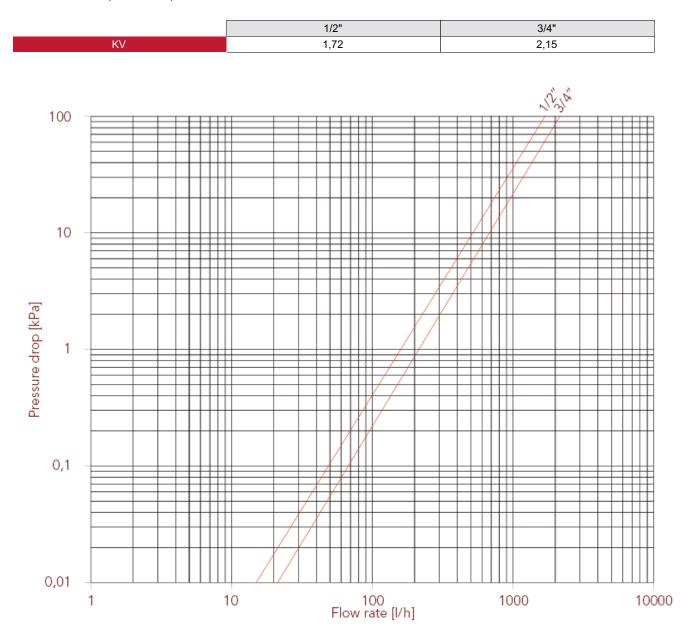
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Steel Fe
9	Washer	1	NBR



LOSS DIAGRAM (With water)





296S Straight lockshield

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



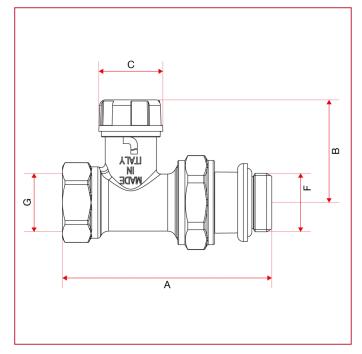
PACKING
12/168
12/144
10/80

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

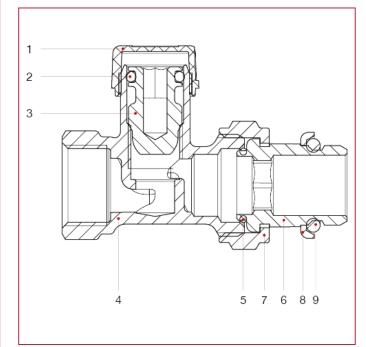
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"	3/4"
DN	10	15	20
А	72	73,5	77,5
В	36	36	39
С	22,5	22,5	25
F	3/8"	1/2"	3/4"
G	3/8"	1/2"	3/4"
Kg/cm2 bar	10	10	10
LBS - psi	145	145	145

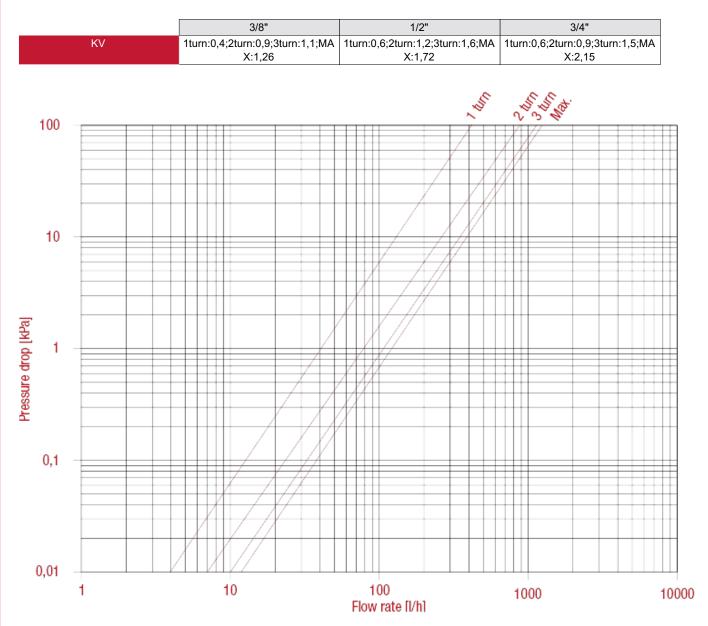
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Zinc-plated steel Fe
9	Washer	1	NBR

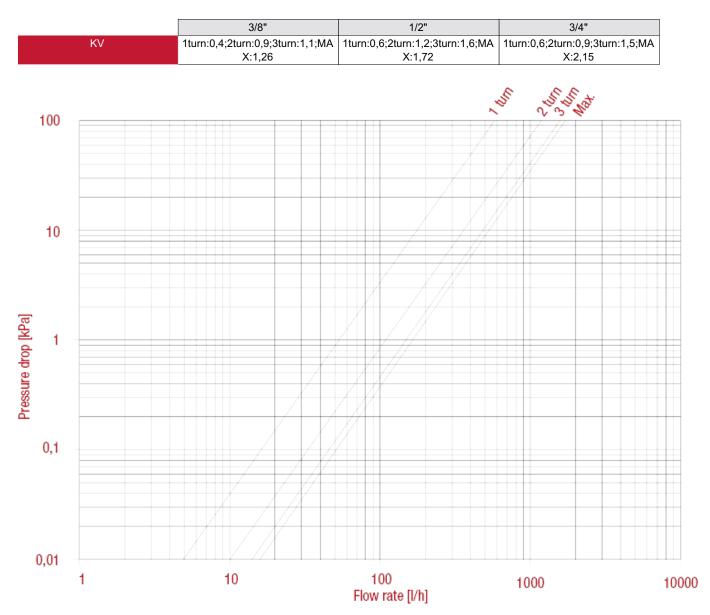


LOSS DIAGRAM (With water) size 3/8"



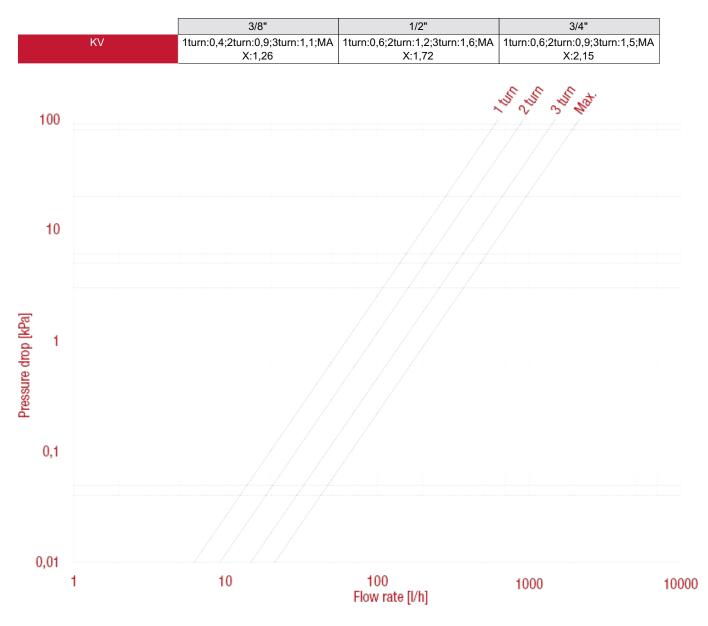


LOSS DIAGRAM (With water) size 1/2"





LOSS DIAGRAM (With water) size 3/4"





394S Angle manual valve

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



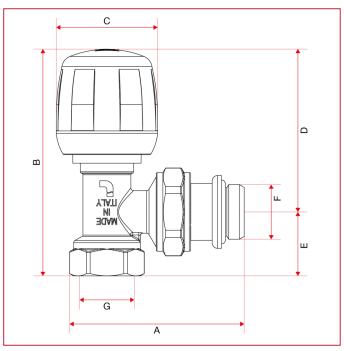
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)) 10bar/145psi	3940038S	12/96
1/2" (DN 15	5) 10bar/145psi	3940012S	12/96
3/4" (DN 20)) 10bar/145psi	3940034S	10/60

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

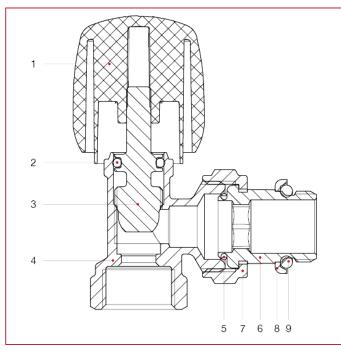
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"	3/4"
DN	10	15	20
А	49	51,5	58
В	82,6	85,1	86,8
С	38	38	38
D	61,1	61,1	63,4
E	21,5	24	23,4
F	3/8"	1/2"	3/4"
G	3/8"	1/2"	3/4"
Kg/cm2 bar	10	10	10
LBS - psi	145	145	145

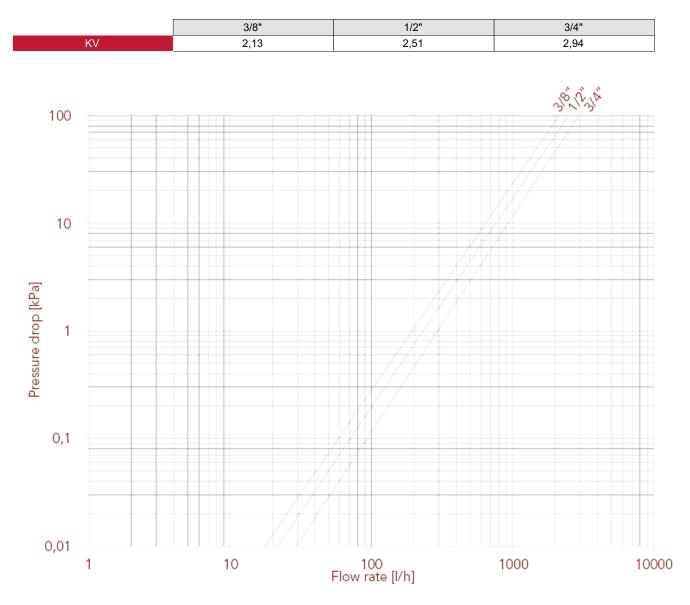
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Steel Fe
9	Washer	1	NBR



LOSS DIAGRAM (With water)





396S Angle lockshield

To be used with iron piping or, together with an Itap-Fit® connector (art. 618), with copper, crosslinked polyethylene (PEX) or polybutylene.

In the case of use with PEX or polybuthylene it is also requested the use of the liner art. 655.



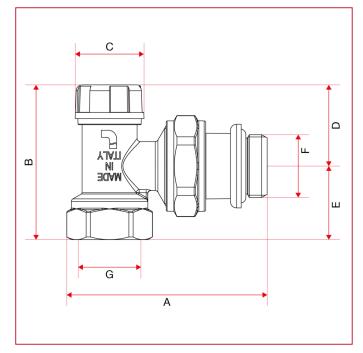
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)	10bar/145psi	3960038S	12/168
1/2" (DN 15)	10bar/145psi	3960012S	12/144
3/4" (DN 20)	10bar/145psi	3960034S	10/80

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

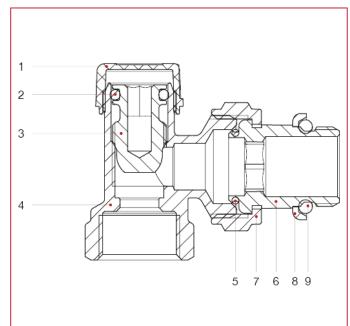
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"	3/4"
DN	10	15	20
А	50	51,5	58
В	48	50,5	53,7
С	22,5	22,5	25
D	26,5	26,5	30,3
E	21,5	24	23,4
F	3/8"	1/2"	3/4"
G	3/8"	1/2"	3/4"
Kg/cm2 bar	10	10	10
LBS - psi	145	145	145

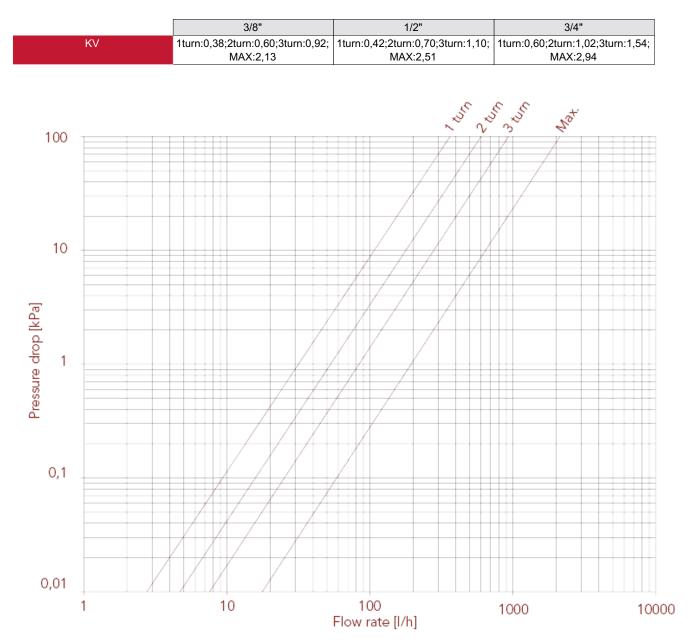
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Zinc-plated steel Fe
9	Washer	1	NBR

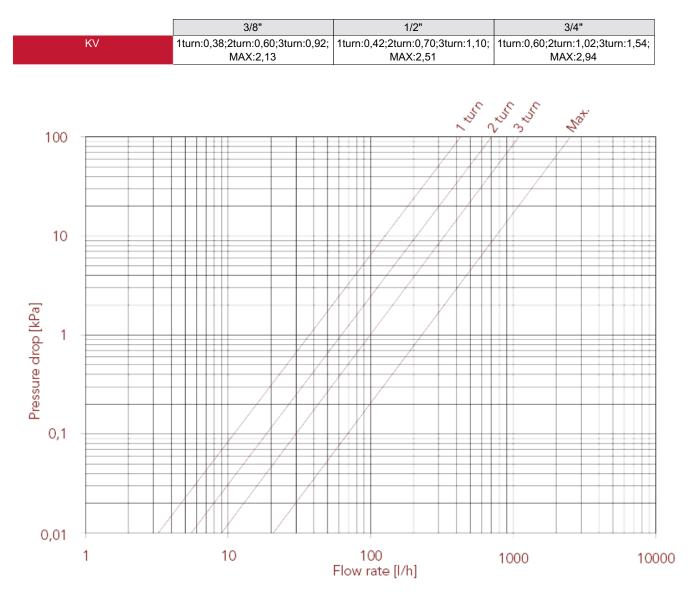


LOSS DIAGRAM (With water) size 3/8"



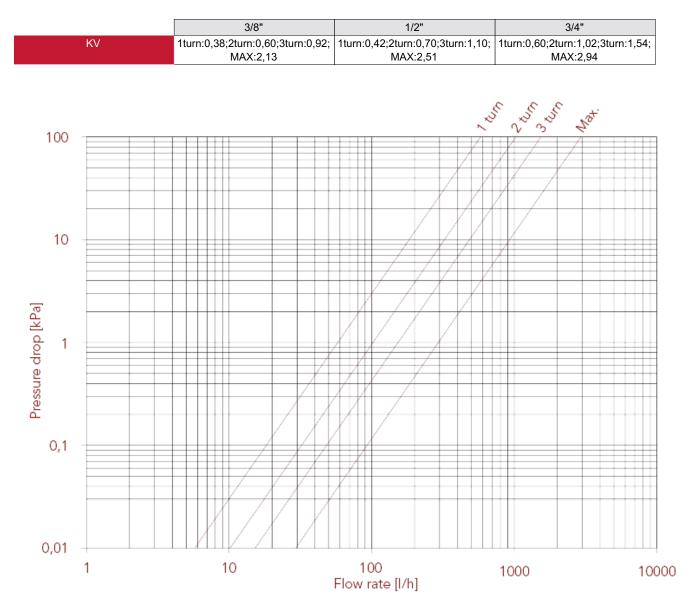


LOSS DIAGRAM (With water) size 1/2"





LOSS DIAGRAM (With water) size 3/4"





295S Straight manual valve

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



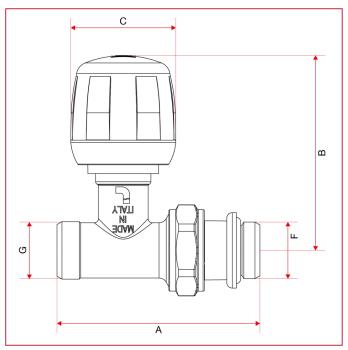
MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	2950012S	12/96

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

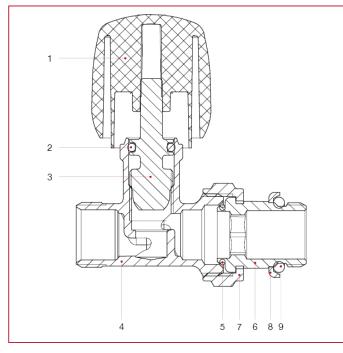
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	1/2"
DN	15
А	73,5
В	70,6
С	38
F	1/2"
G	1/2"
Kg/cm2 bar	10
LBS - psi	145

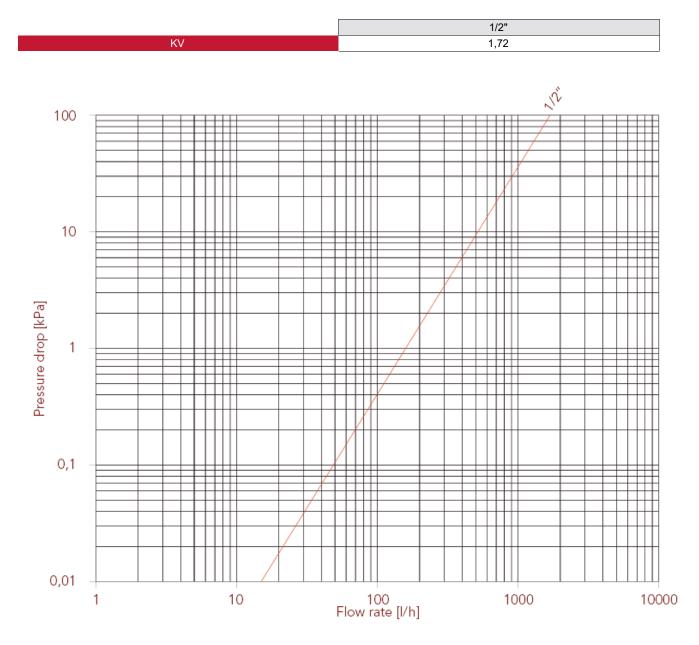
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Steel Fe
9	Washer	1	NBR



LOSS DIAGRAM (With water)





297S Straight lockshield

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



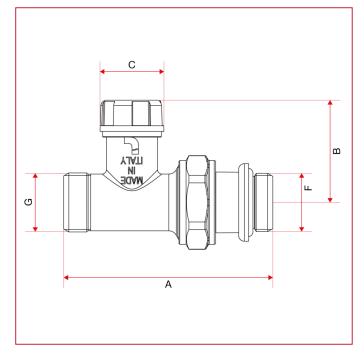
MEASURE	PRESSURE	CODE	PACKING	
3/8" (DN 10)	10bar/145psi	2970038S	12/144	
1/2" (DN 15)	10bar/145psi	2970012S	12/132	

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

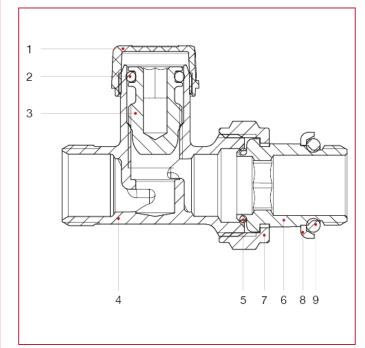
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"
DN	10	15
А	72	73,5
В	36	36
С	22,5	22,5
F	3/8"	1/2"
G	1/2"	1/2"
Kg/cm2 bar	10	10
LBS - psi	145	145

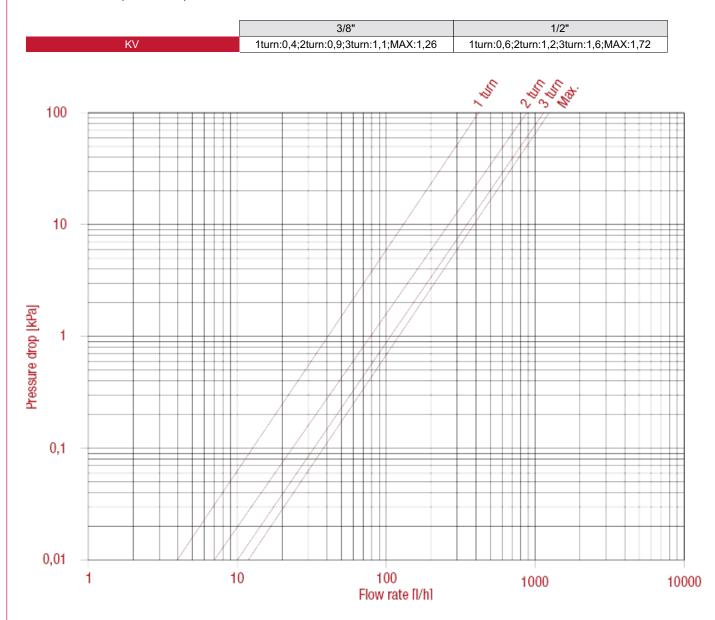
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Zinc-plated steel Fe
9	Washer	1	NBR

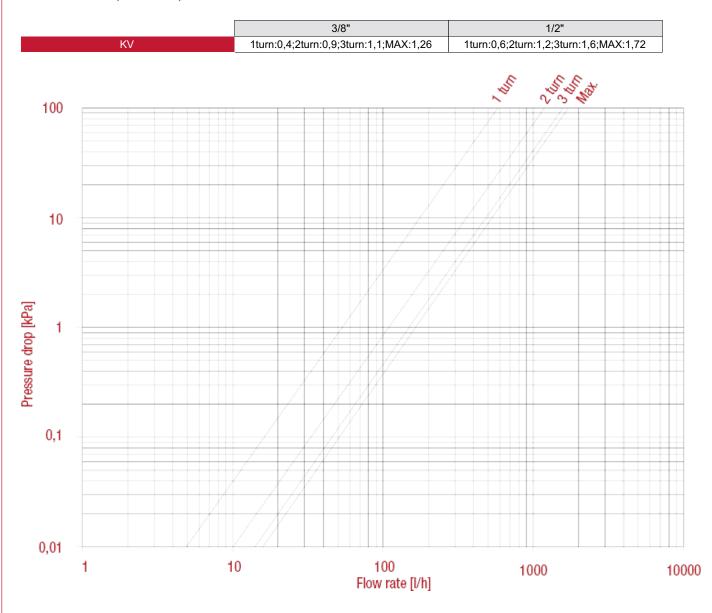
Clitap -

LOSS DIAGRAM (With water) size 3/8"





LOSS DIAGRAM (With water) size 1/2"





395S Angle manual valve

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



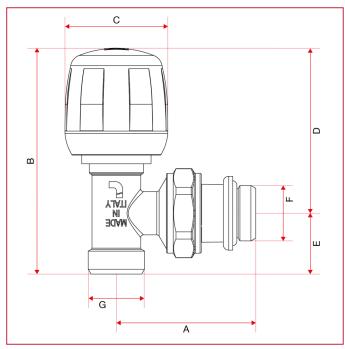
MEASURE	PRESSURE	CODE	PACKING
3/8" (DN 10)	10bar/145psi	3950038S	12/96
1/2" (DN 15)	10bar/145psi	3950012S	12/96

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

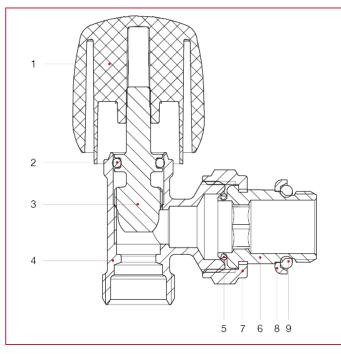
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"
DN	10	15
А	50	51,5
В	74,5	74,5
С	34	34
D	52	52
E	22,5	22,5
F	3/8"	1/2"
G	1/2"	1/2"
Kg/cm2 bar	10	10
LBS - psi	145	145

MATERIALS

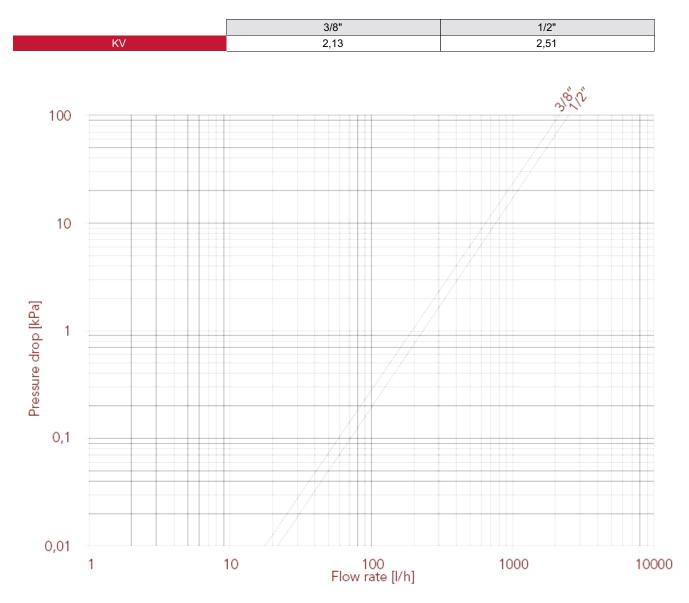


POS.	DESCRIPTION	N.	MATERIAL
1	Handle	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Steel Fe
9	Washer	1	NBR



LOSS DIAGRAM (With water)

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397S Angle lockshield

To be used with multilayer, PEX or polybutylene piping, together with 595M or 510 Multi-Fit® connectors. Suitable also for copper piping, together with a compression fitting art. 595. The male thread "G" is equipped with a conical seat and inner diameter mm.16.



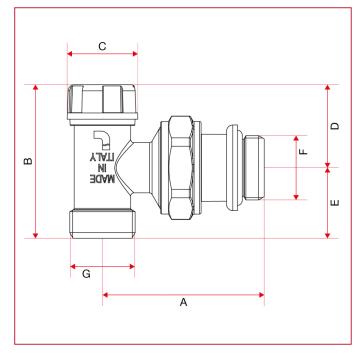
	MEASURE	PRESSURE	CODE	PACKING	
Γ	3/8" (DN 10)	10bar/145psi	3970038S	12/168	
	1/2" (DN 15)	10bar/145psi	3970012S	12/144	

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

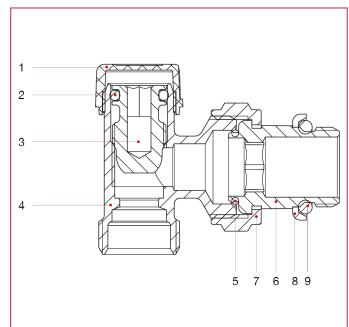
Body in nickel-plated brass. Maximum working temperature: 110°C. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).





	3/8"	1/2"
DN	10	15
А	50	51,5
В	49	49
С	22,5	22,5
D	26,5	26,5
E	22,5	22,5
F	3/8"	1/2"
G	1/2"	1/2"
Kg/cm2 bar	10	10
LBS - psi	145	145

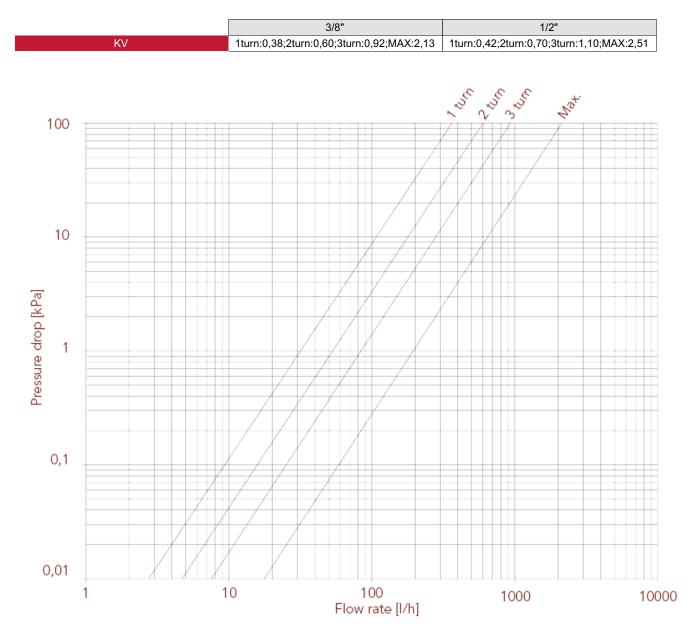
MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Сар	1	ABS
2	O-ring	1	EPDM
3	Bonnet	1	Brass CW614N
4	Body	1	Nickel-plated brass CW617N
5	Washer	1	NBR
6	Union	1	Nickel-plated brass CW617N
7	Nut	1	Nickel-plated brass CW617N
8	Ring	1	Zinc-plated steel Fe
9	Washer	1	NBR

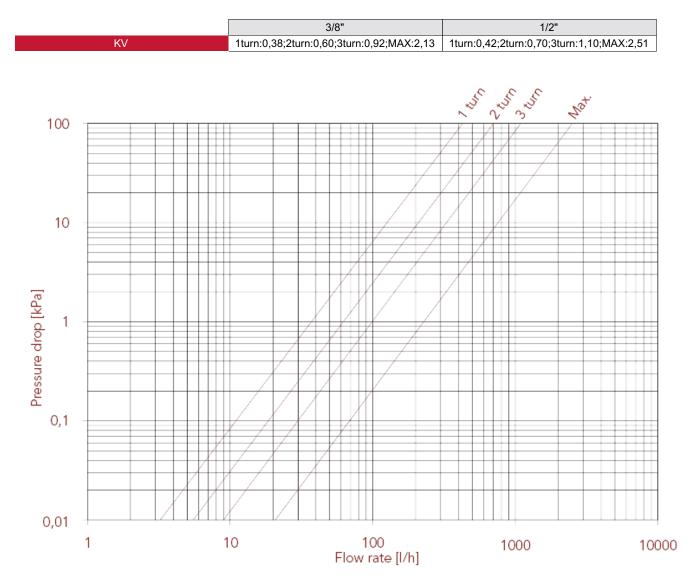


LOSS DIAGRAM (With water) size 3/8"





LOSS DIAGRAM (With water) size 1/2"







ITAP S.p.A.

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