

BRONZE PROPORTIONAL SAFETY VALVE THREADED HEROSE 06195

Material
Pressure

bronze CC491K
PN 25

TECHNICAL DESCRIPTION

Safety relief valve, angle, bronze with soft seal, closed cover, with threaded inlet and outlet. Connection thread type G (BSPP) according to ISO 228/1. Provides protection against excessive pressure rise in pipelines, systems and pressure vessels that are not supervised objects.

PRINCIPLE OF OPERATION

Automatic safety valve that opens proportionally to pressure increase. The constant force between the pressure force and the reaction of the closing spring ensures minimal flow, respectively fluid consumption when the valve is activated.

WORKING FLUID / MEDIUM

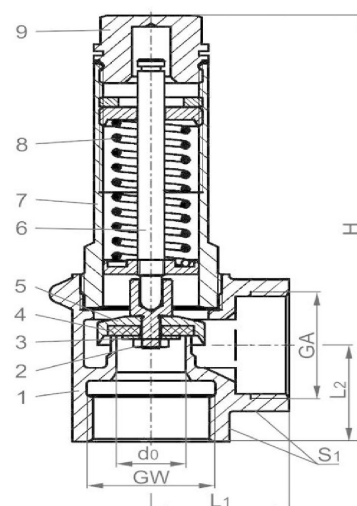
Liquids, gases.

OPTIONS

Possible options – only upon request:

- stainless spring – 1.4571
- nickel plating of external parts

Dimensions: DN 12 - 2



No.	DETAILS	MATERIALS
1	Body	DIN - CC491K / ASTM - B 62 UNS C83600
2	Nut	CW614N / ASTM - B 249 UNS C38500
3	Disk	CW507L / ASTM - B 36 UNS C26800
4	Saddle	NBR or FPM rubber
5	Valve	CW614N / ASTM - B 249 UNS C38500
6	Spindle	CW614N / ASTM - B 249 UNS C38500
7	Lid	CW614N / ASTM - B 249 UNS C38500
8	Spring	1.1200 / ASTM - A 227
9	Cap	CW614N / ASTM - B 249 UNS C38500

SPECIFICATION	
Lid connection	threaded
Execution	angular
Joining	thread
Management	automatically
Operating temperature with NBR seat material	-10°C / +14°F (263K) to +110°C / +230°F (383K)
Operating temperature with FPM seat material	-10°C / +14°F (263K) to +165°C / +329°F (438K)

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DN	Hole	Size code	Range	Exodus	Height	Length	Length	Key size	Weight
GW	d _o	.X.	Bar	GA	H	L ₁	L ₂	S ₁	kg
1/2"	12	0400	0.5-25	1/2"	90	25	20	27	0.21
3/4"	15	0600	0.2-20	3/4"	110	30	25	32	0.36
1"	18	1000	0.5-16	1"	130	36	30	41	0.65
1 1/4"	20	1200	0.5-16	1 1/4"	150	40	35	50	0.95
1 1/2"	24	1400	0.2-16	1 1/2"	170	48	40	58	1.5
2"	28	2000	0.2-16	2"	195	56	48	70	2.25