

BRONZE PROPORTIONAL SAFETY VALVE THREADED HEROSE 06370

Material
Pressure

bronze CC491K
PN 25

TECHNICAL DESCRIPTION

Safety relief valve, angle, bronze with soft seal, closed cover with inlet and outlet:

- Thread type G (BSPP) according to ISO 228/1

ANNEX

It is used as a safety relief valve to prevent pressure from rising above the critical value in piping systems and pressure vessels that are not under supervision.

PRINCIPLE OF OPERATION

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

WORKING FLUID / MEDIUM

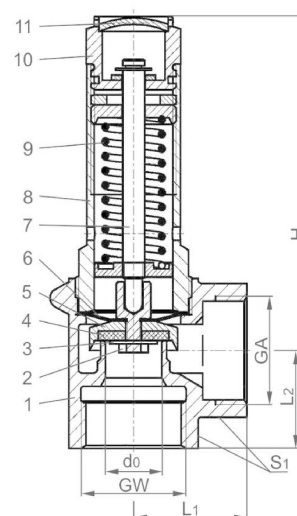
Liquids and gases.

OPTIONS

Possible options – only upon request:

- stainless steel spring – 1.4571
- nickel plating on 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 and FPM rubber
5	Valve	CW614N / ASTM - B 249 UNS C38500
6	Diaphragm	NBR rubber
7	Spindle	CW614N / ASTM - B 249 UNS C38500
8	Lid	CW614N / ASTM - B 249 UNS C38500
9	Spring	1.1200 / ASTM - A 227
10	Lifting device.	CW614N / ASTM - B 249 UNS C38500
11	Cap	CW507L / ASTM - B 36 UNS C26800

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

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DN	Hole	Size code	Range	Exodus	Height	Height	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