BRONZE PROPORTIONAL SAFETY VALVE THREADED HEROSE 06216 / 06217

Material brass CW614N B 249 UNS C38500
Pressure PN 25

TECHNICAL DESCRIPTION

Used as a safety device in the event of excessive pressure build-up in stationary systems and mobile gas cylinders and pressure vessels. Standard safety valve with FPM seat seal, open bonnet with discharge windows and positive opening device. Thread type G (BSPP) according to ISO 228/1.
Also suitable for horizontal installation.

PRINCIPLE OF OPERATION

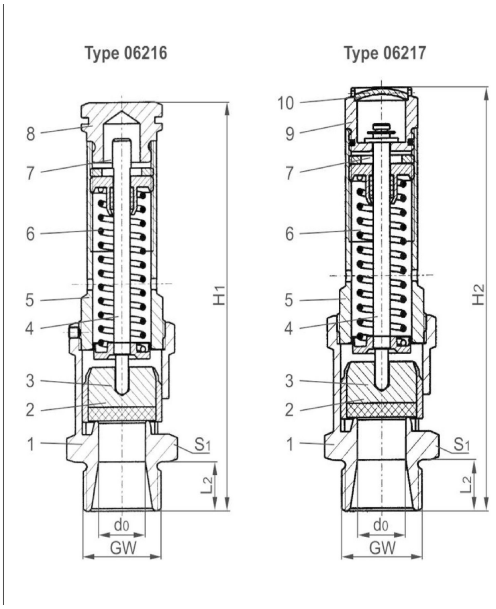
Automatic safety valve that opens proportionally to pressure rise. The constant force between the pressure force and the reaction of the closing spring ensures minimal flow, respectively minimal fluid loss when the valve is actuated.

WORKING FLUID / MEDIUM

Gases and air.

OPTIONS

Possible options upon request:
• unloading (blow-out) windows with protective cap
• stainless steel spring – 1.4571
• nickel plating of external parts



Dimensions: DN 12 – 2

No.	DETAILS	MATERIALS
1	Body	CW617N B283 UNS C37700
2	Saddle seal	FPM (Viton - GLT)
3	Valve	CW614N B455 UNS C38500
4	Spindle	CW614N B455 UNS C38500
5	Lid	CW614N B455 UNS C38500
6	Spring	1.1200 / ASTM - A 227
7	Spindle guide	Teflon/PTFE
8	Cap	CW614N B455 UNS C38500
9	Lifting device	CW614N B455 UNS C38500
10	Cap	CW507L / ASTM - B 36 UNS C26800

SPECIFICATION	
Lid connection	threaded
Execution	angular
Joining	thread
Management	automatically
Operating temperature	-20°C / -4°F (253K) to +160°C / +320°F (433K)

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DN	Hole	Size code	Setting range with FPM addt.	Connection dimensions				Key size	Weight	Coefficient of permeability above 3 bar	Curve steepness above 3 bar
GW	d_0	.X.	Bar	GA	H_1	H_2	L_2	S_1	kg	α_{vv}	
1/2"	12	0400	0.2-25	1/2"	103	107	14	27	0.25	0.83	2.59
3/4"	15	0600	0.2-30	3/4"	122	126	16	32	0.41	0.83	4.1
1"	18	1000	0.2-30	1"	149	150	18	41	0.72	0.73	6.79
1 1/4"	20	1200	0.2-22	1 1/4"	169	172	20	50	1.23	0.71	10.15
1 1/2"	24	1400	0.2-16	1 1/2"	198	200	22	58	1.73	0.69	16.5
2"	28	2000	0.2-12	2"	224	228	25	70	3.09	0.66	24.8

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