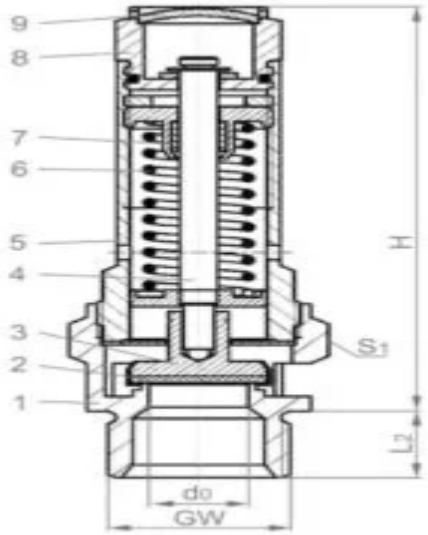
BRASS PROPORTIONAL SAFETY VALVE THREADED HEROSE 06205

Material brass CW614N B 249 UNS C38500
Pressure PN 16-25

TECHNICAL DESCRIPTION

Automatic safety valve, opening proportionally to pressure rise. The constant force between the pressure force and the reaction of the closing spring ensures a minimum flow, respectively fluid consumption when the valve is actuated. Full opening, at 10% overpressure of the valve setting. When ordering a valve, please inform us of your requirements regarding valve capacity, fluid type, temperature, inlet size and the type of system in which it will be used. Standard safety valve with FPM seat seal, open bonnet with unloading windows and forced opening device. Thread type G (BSPP) according to ISO 228/1 Used as a safety device in the event of excessive pressure rise in stationary systems and mobile gas cylinders and pressure vessels. Suitable for air and similar gases. Operating temperature: -20°C / -4°F (253K) up to +160°C / +320°F (433K), size d07 also suitable for horizontal installation.



WORKING FLUID / MEDIUM

Liquids, gases, steam.

EXECUTION

Only upon request:

- stainless sealing ring – stainless steel 1.4571.
- external nickel coating on the valve.

Dimensions: DN 1/2″ – 1 1/4″

No.	DETAILS	MATERIALS
1	Body	CW614N B249 UNS C38500
2	Saddle	FPM (Viton)
3	Valve	CW614N B249 UNS C38500
4	Spindle	CW614N B249 UNS C38500
5	Lid	CW614N B249 UNS C38500
6	Spring	1.1200 A 227
7	Spindle guide	Teflon/PTFE
8	Lifting device.	CW614N B249 UNS C38500
9	Closing cap	CW507L B36 UNS C2680

Lid connection	threaded
Execution	straight
Joining	male thread (BSPP)
Management	automatic/(forced)
Operating temperature range	-20°C / -4°F (253K) to +160°C / +320°F (433K)

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DN	Hole	Size code	Setting range			Diameter of the protective cap	Key	Weight, kg	Permeability coefficient at 3 Bar	Permeability coefficient at 3.5 Bar	Permeability coefficient at 4.5 Bar
GW	d_0	.X.	Bar	H	L_2		S_1	kg	a_{vv}	a_{vv}	a_{vv}
1"	24	1000	0.5-0.6	194	18	80	55	1.75	0.62		0.57
1 1/4"	28	2812	0.5-4.5	198	22	80	55	1.85	0.58		
1 1/2"	28	2814	0.5-4.5	198	22	80	55	1.9	0.58		
1 1/4"	31	3112	0.5-0.6	191	22	80	55	2	0.68	0.65	
1 1/2"	31	3114	0.5-0.6	191	22	80	55	2.3	0.68	0.65	
2"	48	2000	0.5-3.5	232	25	115	85	4.5	0.52		

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