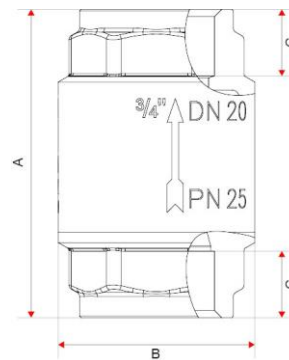


Straight-way type, full passage.

Housing	Brass
Valve disc	Stainless steel
Sealant	NBR
Pin	Brass
Spring	Stainless steel
Min. opening pressure	0.01 to 0.03 bar
Operating temperature	-20 °C to 100 °C
Standard thread	G thread acc. to DIN EN ISO 228-1

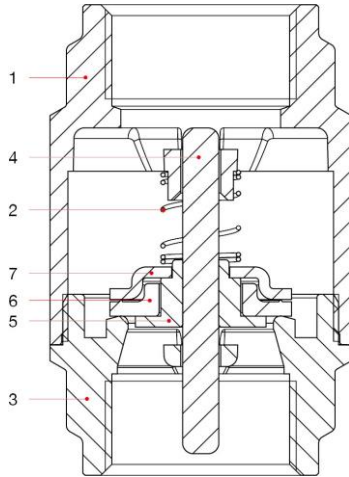


9227.32



Unidirectional valve									
Art. No.	Type No.	Thread	DN	Operating pressure max. bar	Operating pressure max. psi	A mm	B mm	C mm	
103881	9227.31	G 3/8	10	25	362.5	55.0	34.5	10.5	
103882	9227.32	G 1/2	15	25	362.5	58.5	34.5	11.5	
103883	9227.33	G 3/4	20	25	362.5	65.0	41.5	14.0	
103884	9227.34	G 1	25	25	362.5	74.5	48.0	16.5	
103885	9227.35	G 1 1/4	32	18	261.0	83.0	60.5	18.5	
103886	9227.36	G 1 1/2	40	18	261.0	93.0	71.0	20.5	
103887	9227.37	G 2	50	18	261.0	101.0	87.0	21.0	
134874	9227.38	G 2 1/2	65	12	174.0	122.0	120.0	24.0	
134875	9227.39	G 3	80	12	174.0	141.5	140.0	28.0	

## Materials

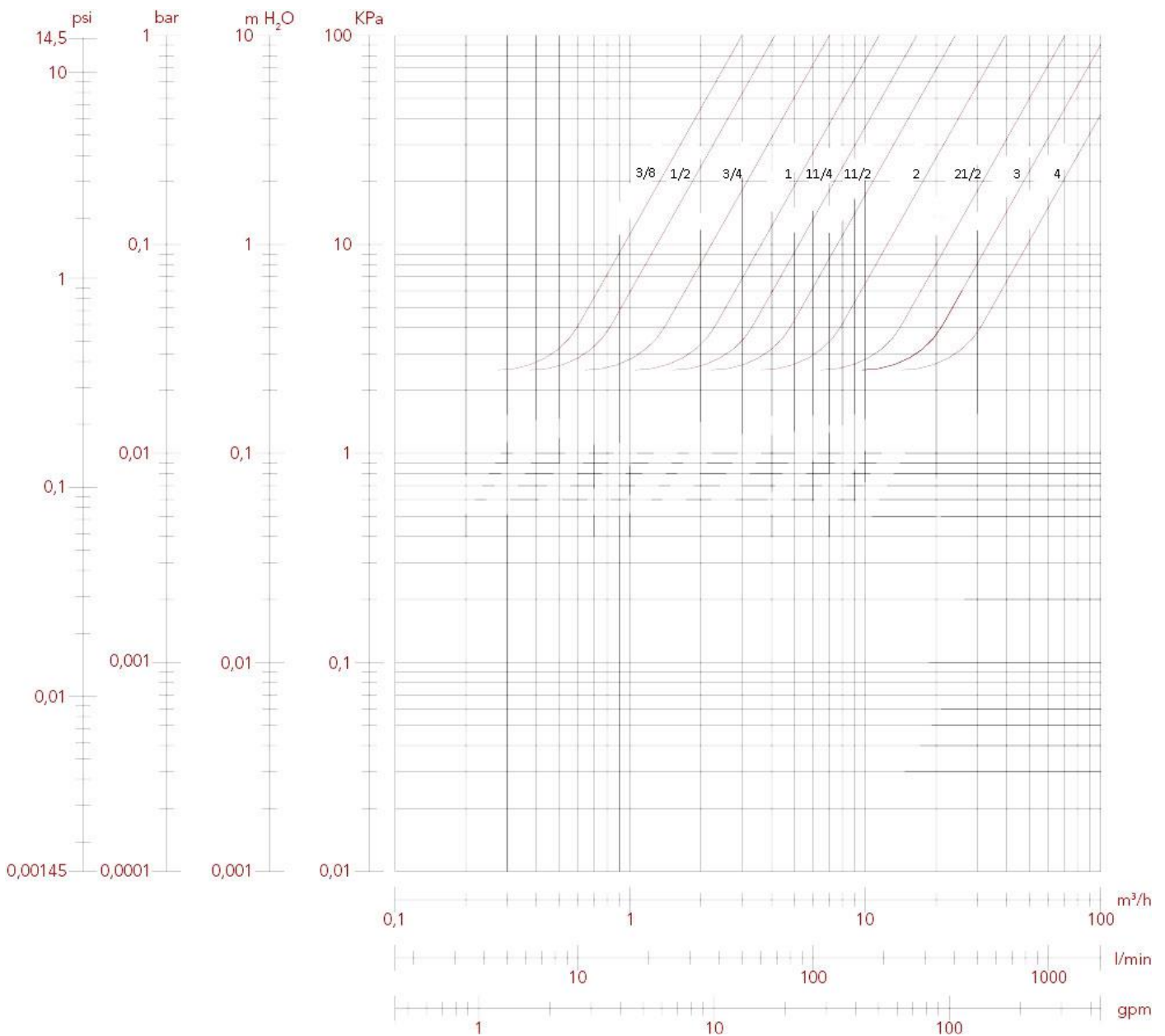


### Materials

Position	Description	Material
1	Body	Brass CW617N
2	Spring	Stainless steel AISI 302
3	End adapter	Brass CW617N
4	Pin	Brass CW614N
5	Cap	Brass CW614N
6	Washer	NBR
7	Plate	Stainless steel AISI 304

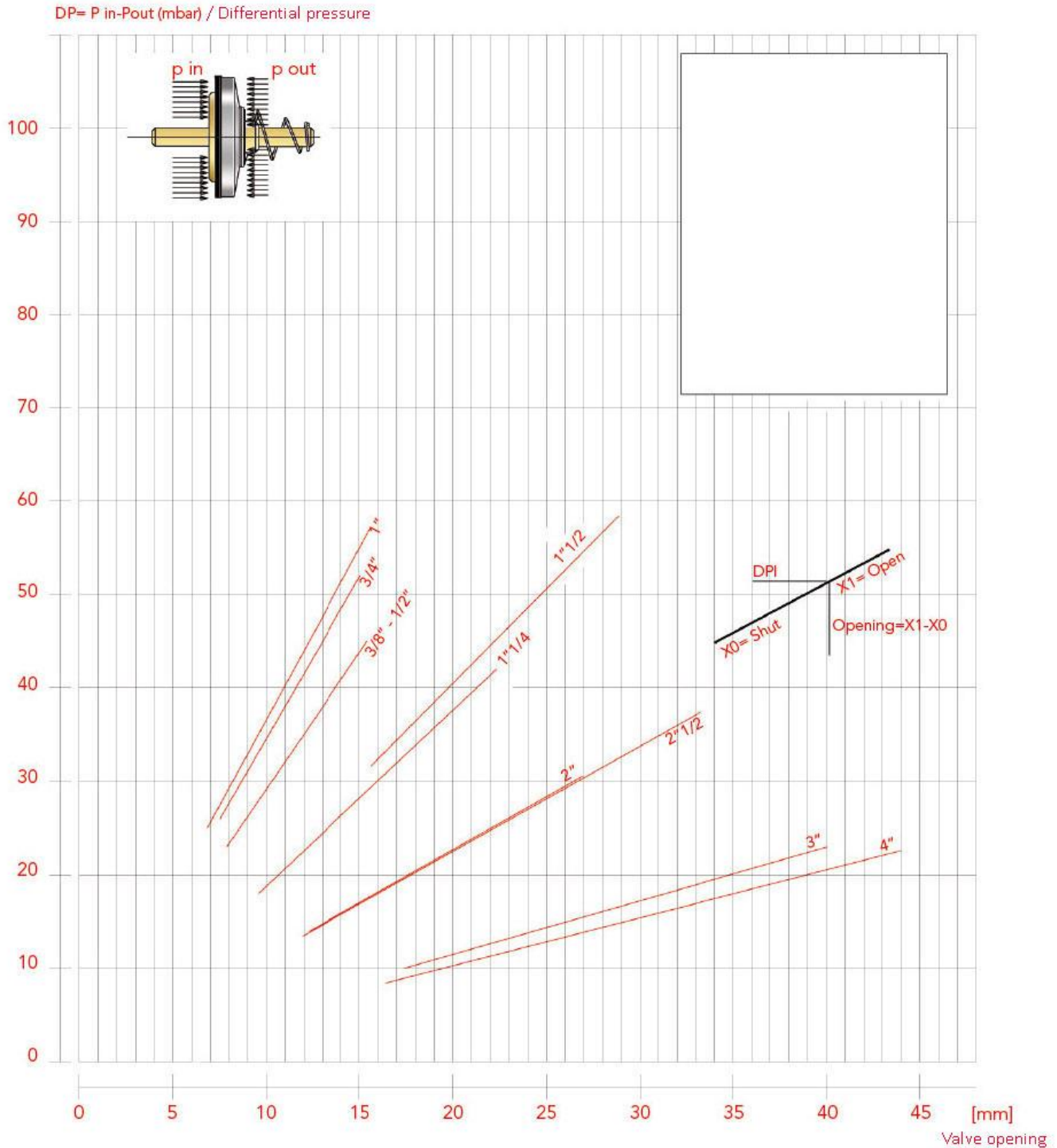
## Loss diagram (with water)

Unidirectional valve			
Art. No.	Type No.	Thread	KV
103881	9227.31	G 3/8	2.99
103882	9227.32	G 1/2	4.12
103883	9227.33	G 3/4	7.03
103884	9227.34	G 1	11.45
103885	9227.35	G 1 1/4	16.54
103886	9227.36	G 1 1/2	24.12
103887	9227.37	G 2	39.32
134874	9227.38	G 2 1/2	70.64
134875	9227.39	G 3	105.6



## Diagram of the minimum pressure needed to get the valves opening

The opening of the valve is given by the different pressure between the two sides of the seat.



## Pressure-temperature diagram

The values shown by the dropping lines state the maximum limit of employment of the valves.  
The shown values are approximate.

