



s.123

1/4" - 4" ISO 228 heavy pattern
check valve



Quality

- Suitable for domestic, industrial, pneumatic and hydraulic installations
- Performs well in any orientation
- Strong configuration suitable to most difficult applications
- Low noise
- Low water hammer
- Lowest pressure drop

Body

- Hot forged CW617N brass body
- Perfect seal at low and high pressure, within a wide temperature range

Sealing

- NBR seal from 1/4" up to 3", FPM for 4" size

Threads

- ISO 228 parallel female by female threads

Working pressure & temperature

- Cracking pressure: min 0.025 bar
- Sealing pressure: min 0.05 Bar
- See non-shock cold working pressure on chart
- -20°C to +100°C (-4°F to +210°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

- Stainless steel filter
- NPT threads ANSI B. 1. 20.1 for sizes from 1/4" to 1 1/4"

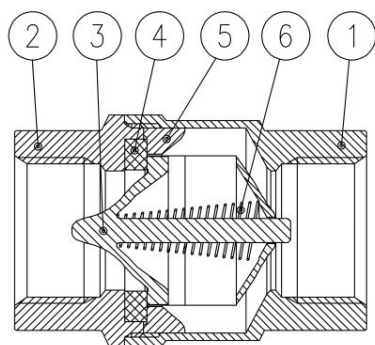
PED directive

- The product described in this document meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking; it cannot be used with dangerous gases in sizes larger than 20mm; it cannot be used with non-dangerous gases in sizes larger than 40mm

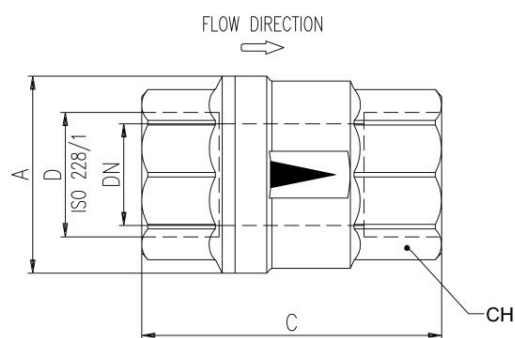
Approved by or in compliance with

- GOST-R (Russia)
- Attestation de Conformité Sanitaire (France) in sizes 1/4" to 2"

NOTE: approvals apply to specific configurations/sizes only.

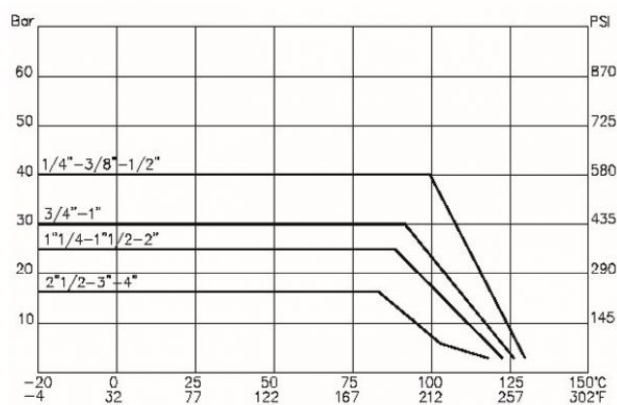


	PART DESCRIPTION	Q.TY	MATERIAL
1	Body	1	CW617N
2	End-cap	1	CW617N
3	Disc	1	Hostaform
4	Seat	1	NBR (from 1/4" up to 3") FPM (from 4" size)
5	Disc guide	1	Hostaform
6	Stainless steel spring	1	1.4325 / AISI 302



Code	123B00	123C00	123D00	123E00	123F00	123G00	123H00	123I00	123L00	123M00	123N00
D (inch)	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
DN (mm)	10	10	15	20	25	32	40	50	65	80	80
A (mm)	28	28	34	41.5	50	60.5	73.5	89	114	137	142
C (mm)	46.5	46.5	50	59	67	76	90	101	127	150	133.5
CH (mm)	21	21	26	32	39	49	56	69	86	100	124
PN (bar)	40	40	40	30	30	25	25	25	16	16	16
Kv (m³/h)	6.9	6.9	8.8	11.4	14.5	27.4	48.8	68.9	100.6	162.3	162.3

Pressure-temperature chart



Pressure drop chart

