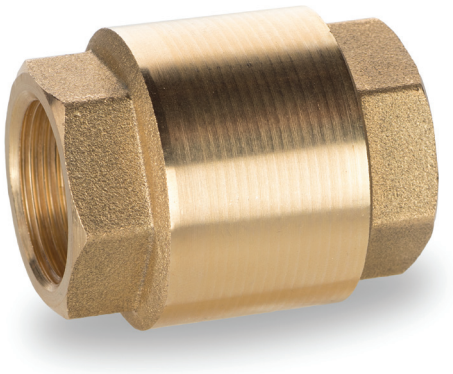
s.120

3/8” - 4”
ISO 228
check valve



QUALITY
- Suitable for domestic, industrial, pneumatic and hydraulic installations
- Performs well in any orientation

BODY
- Low pressure drop
- Hot forged CW617N brass body

STEM
- Nylon stem allows wide range of applications

SEALING
- NBR 65 SH/PS seal on nylon holder

THREADS
- ISO 228 parallel female by female threads

WORKING PRESSURE & TEMPERATURE
- 12 bar (174 PSI) up to 1”, 10 bar (145 PSI) from 1.1/4” up to 2” and 8 bar (116 PSI) over 2” non-shock cold working pressure
- -20°C to +100°C (-4°F to +212°F)
- WARNING: freezing of the fluid in the installation may severely damage the valve

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 25mm

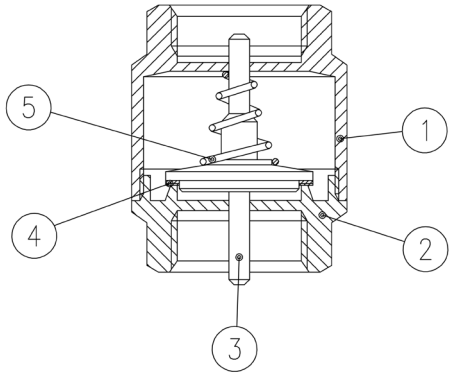
APPROVED BY OR IN COMPLIANCE WITH
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

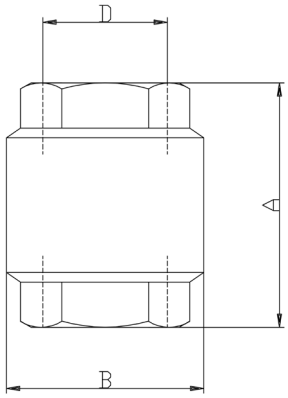
NOTE: approvals apply to specific configurations/sizes only.

OPTIONS
- Stainless steel filter (1.4301 / AISI 304)

s.120 XCE120 - 5813

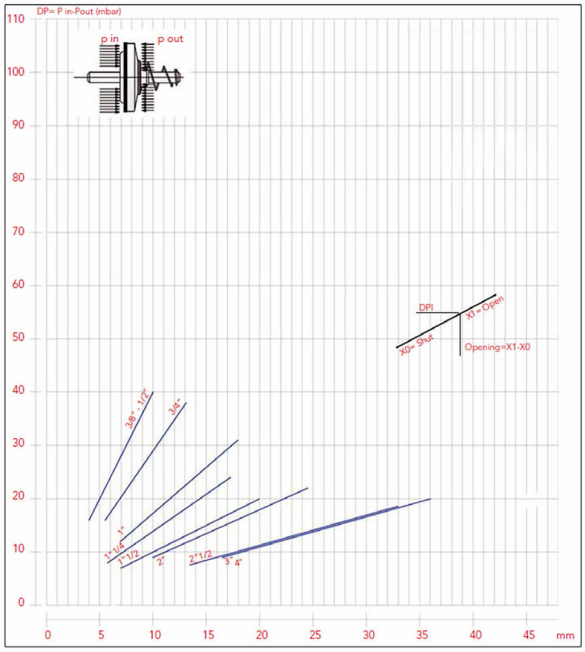
	Part description	Q.ty	Material
1	Body	1	CW617N
2	Seat	1	CW617N
3	Stem-seat	1	Nylon
4	Seat	1	NBR
5	Stainless steel spring	1	1.4325/AISI 302
6	Strainer	1	AISI304 (1.4301)





Code	120C00	120D00	120E00	120F00	120G00	120H00	120I00	120L00	120M00	120N00
D (inch)	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"
A (mm)	46,5	47	53	60,5	66,5	74	80	98	103	118,5
B (mm)	34,5	34,5	42	47,5	59,5	71	86,5	102	125	155
PN (Kg/cm²)	12	12	12	12	10	10	10	8	8	8
Kv	2,11	4,22	7,92	11,67	22,42	29,39	51,4	69,9	98,49	157,91

DIAGRAM MINIMUM PRESSURE TO GET THE VALVES



OPENING PRESSURE DROP CHART