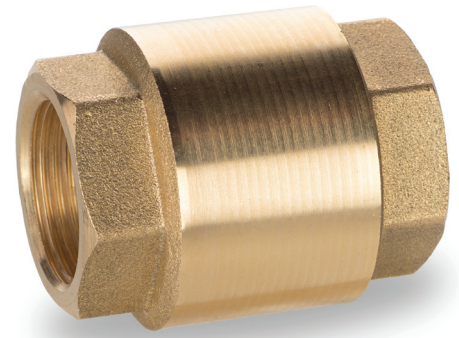




# s.120

**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)

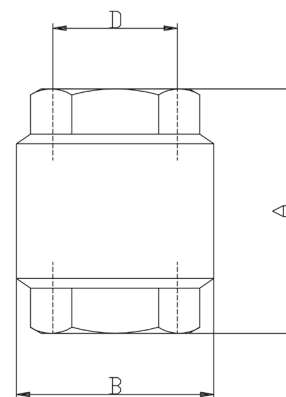
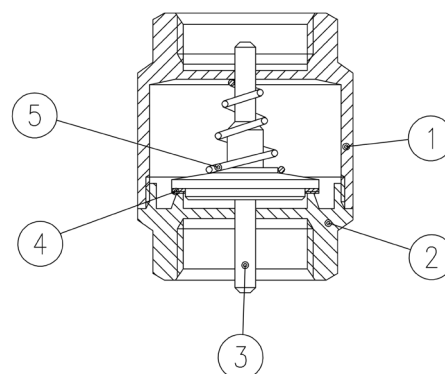
## s.120 XCE120 - 5813

Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier for additional information on the suitability of the BONOMI INDUSTRIES products with your specific field of use.



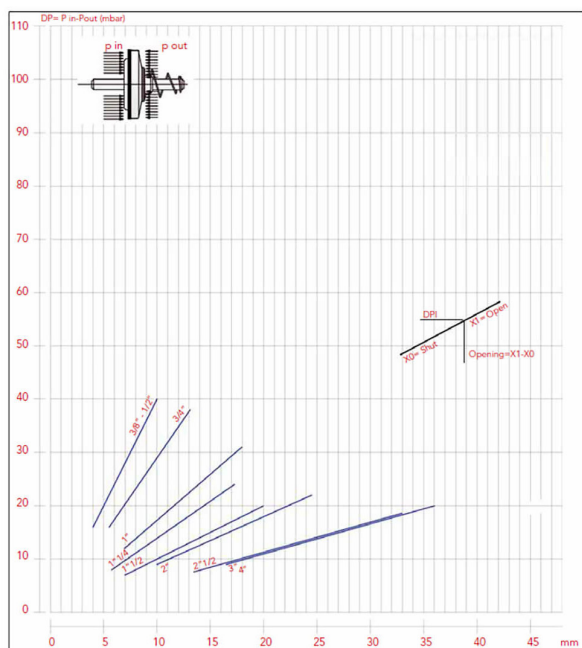
PLUMBING

	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 1/4"	1 1/2"	2"	2 1/2"	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/cm <sup>2</sup> )	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

