

s.120

3/8″ - 4″ ISO 228 check valve







- 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

Options

• Stainless steel filter (1.4301 / AISI 304)

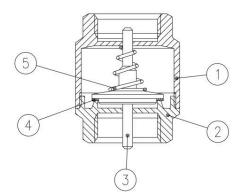
PED directive

• 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

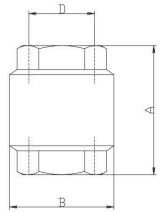
Approved by or in compliance with

- GOST-R (Russia)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.

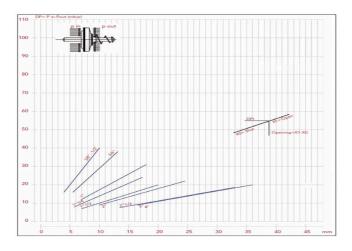


| | PART DESCRIPTION | Q.TY | MATERIAL |
|---|------------------------|------|-------------------|
| 1 | Body | 1 | CW617N |
| 2 | End-cap | 1 | CW617N |
| 3 | Stem-seat | 1 | Nylon |
| 4 | Seat | 1 | NBR |
| 5 | Stainless steel spring | 1 | 1.4325 / AISI 302 |

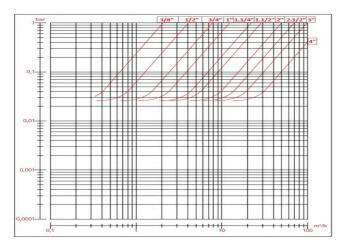


| Code | 120C00 | 120D00 | 120E00 | 120F00 | 120G00 | 120H00 | 120100 | 120L00 | 120M00 | 120N00 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| D (inch) | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 21/2 | 3 | 4 |
| A (mm) | 46.5 | 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 ²) | 12 | 12 | 12 | 12 | 10 | 10 | 10 | 8 | 8 | 8 |
| Kv | 2.11 | 4.22 | 7.92 | 11.67 | 22.42 | 29.39 | 51.40 | 69.90 | 98.49 | 157.91 |

Diagram minimum pressure to get the valves opening



Pressure drop chart



Ask for additional information on the whole range of **RuB** products and consult with your supplier for special applications. For complete disclaimer: www.rubvalves.com/disclaimer

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