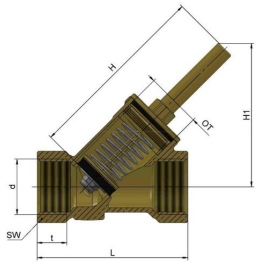
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# Angle-seat check valve
# Series CH117






| | |
|---|---|
| Design type | Poppet valve spring-loaded |
| Actuation | hydraulic, pneumatic |
| Connection | RP3/8"...RP3/4" according to ISO7/1, G1"...G2" according to ISO228/1 |
| Materials | Valve body and internal parts Brass, Stainless steel spring, FKM seals |
| Application range | Gases and liquids of group 2 in accordance with PED 2014/68/EU that do not attack the materials used |
| Medium temperature | 0...100°C |
| Operating pressure | 0,04...25bar |
| Flow direction | free in the direction of the arrow, blocked in reverse direction |
| Mounting type | Installation in rigid piping system |
| Mounting position | any |




| DN | d | H | H1 | L | SW | t | Kv value [m $^3$ /h] | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|
| 10 | RP3/8" | 49 | 42 | 62 | 21 | 11,2 | 3,4 | 0,18 | CH117-3/8" |
| 15 | RP1/2" | 79 | 62 | 65 | 25 | 14,2 | 6,0 | 0,24 | CH117-1/2" |
| 20 | RP3/4" | 92 | 72 | 75 | 31 | 15,2 | 10,9 | 0,36 | CH117-3/4" |
| 25 | G1" | 111 | 87 | 90 | 38 | 17,7 | 17,8 | 0,56 | CH117-1" |
| 32 | G11/4" | 121 | 96 | 110 | 50 | 21,4 | 28,2 | 0,89 | CH117-11/4" |
| 40 | G11/2" | 135 | 106 | 120 | 55 | 21,4 | 41,2 | 1,20 | CH117-11/2" |
| 50 | G2" | 168 | 131 | 150 | 67 | 25,7 | 62,1 | 1,95 | CH117-2" |

Illustrations non-binding
Design, dimensional and material changes reserved



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MADE IN EUROPE

+43 512 52076
austria@stasto.eu
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