## Codification:

CSF — 100 — A — 01HS

| Series | Size | Flange Material |
|---|---|---|
| | | ^A Aluminum alloy |
| | | AC Aluminum alloy with carbon steel bushing |
| | | AS Aluminum alloy with stainless steel bushing |
| | | AR Aluminum alloy with rubber |
| | | S4 Stainless steel 304 |
| | | S6 Stainless steel 316 |

| Rubber sleeve material & Working temperature | | |
|---|---|---|
| 01 | Natural rubber | -10~70°C |
| ^01HS | High tear resistance natural rubber | |
| 01L | High resilience natural rubber | |
| 01FB | Food grade black NR | |
| 01FW | Food grade white NR | |
| 01C | Conductive NR | |
| 01S | Free of silicon NR | |
| 02 | EPDM | -20~110°C |
| 02FB | Food grade black EPDM | |
| 02FW | Food grade white EPDM | |
| 03 | Silicon rubber | -40~150°C |
| 03F | Food grade silicon rubber | |
| 04 | Viton | -10~130°C |
| 05 | NBR | -10~80°C |
| 05H | HNBR | |

^Means : Default choice
Default flange standard: DIN PN10, BS-EN-1092

## Technical specification:

| Features | |
|---|---|
| Design | Pneumatically actuated pinch valve |
| Sealing principle | Eleastic lip seal |
| Mounting position | Any |
| Direction of flow | Reversible |
| Valve function | 2/2 way,normally open |
| Reset method | Rebound resilience |
| Nominal pressure | PN10 |
| Sleeve feature | Replaceable |



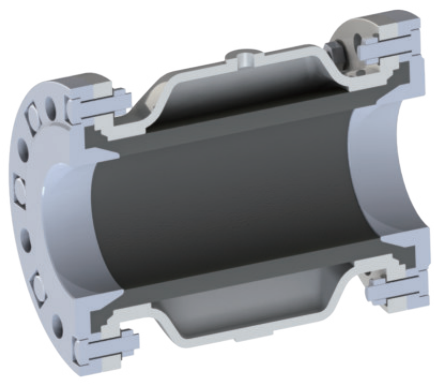
| Technical data | | |
|---|---|---|
| Housing | Cast Aluminum alloy | |
| Socket | Cast Aluminum alloy or with CS or SS bushing | |
| Control pressure | DN40-DN150 | Max 8 bar |
| | DN200 | Max 6 bar |
| Operating pressure [*OP Max] | DN50-DN150 | Max 6 bar |
| | DN200 | Max 4 bar |
| Pressure difference [bar] | 2.....3 | |
| Optimum control pressure | Medium pressure+pressure difference | |

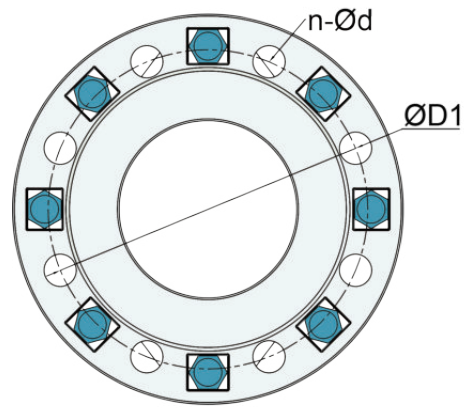
### Advantage

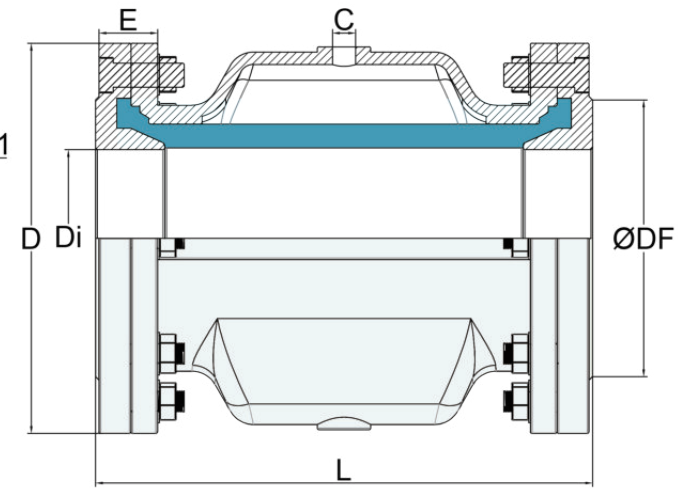
* Compact design
* Free passage
* No plugging
* 100% shut off
* Quick open-close
* Anti-abrasive
* Food grade

### Application

For Pneumatic convey industry
* Powder industry: granual, epoxy painting, glass,plastic
* Chemical industry: acid,fuel,liquid,fertilizer
* Food industry: syrup, ice cream, milk,liquid food
* Others: dust, salt, water,slurry,waste,sludege






| DN (mm) | D (mm) | φDF (mm) | n | φd (mm) | φD1 (mm) | L (mm) | C (inch) | E (mm) | GW (kg) | Volume (L**) | *OP Max(bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 150 | 88 | 4 | 18 | 110 | 155 | G 1/4" | 26 | 3.2 | 0.20 | 6 |
| 50 | 165 | 102 | 4 | 18 | 125 | 183 | G 1/4" | 30 | 3.9 | 0.30 | 6 |
| 65 | 185 | 122 | 4 | 18 | 145 | 185 | G 1/4" | 28 | 4.8 | 0.45 | 6 |
| 80 | 200 | 138 | 8 | 18 | 160 | 228 | G 1/4" | 31 | 6.2 | 0.95 | 6 |
| 100 | 220 | 158 | 8 | 18 | 180 | 280 | G 1/4" | 35 | 9.6 | 1.70 | 6 |
| 125 | 250 | 184 | 8 | 18 | 210 | 348 | G 1/4" | 40 | 13.2 | 3.50 | 6 |
| 150 | 285 | 212 | 8 | 22 | 240 | 418 | G 1/4" | 43 | 19.1 | 7.00 | 6 |
| 200 | 340 | 268 | 8 | 22 | 295 | 558 | G 3/8" | 60 | 32.5 | 15.5 | 4 |

* Flange standrad: DIN PN10 , ASME B16.5 Class150lb, BS TABLE E.
** Volume: control volume with closed sleeve.