

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

FT2257/7



**SINGLE PILOT
CHECK VALVES**

Belonging to the same range of the in line single-acting valves, but different in that they allow the valve to open in the direction that is normally closed thanks to a particular signal of pilot operated pressure. The high level of pilot ratio, realized in the design phase, enables rapid and complete opening for the whole duration of the desired cycle. The construction material used for the seal pistons, the hardened treatment that these are subjected to, as well as the finish-grinding guarantee a perfect seal even in particularly heavy working conditions.

Uses

The above mentioned valves are generally used for blocking work circuits under pressure, such as guarding against falling loads in the event of pipe braking or against creeping movements for hydraulically blocks systems.

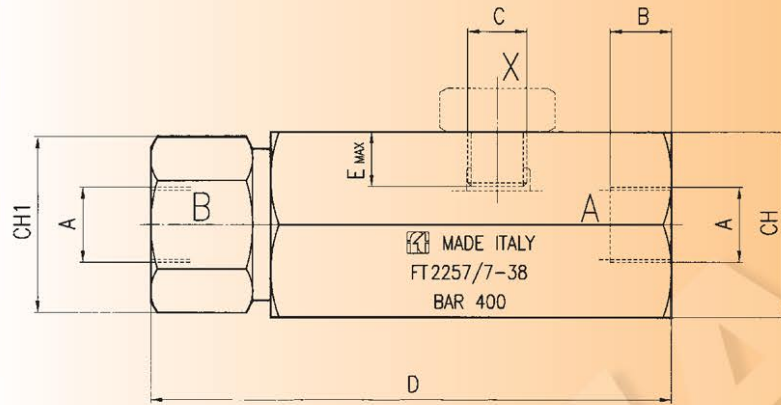
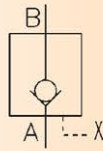


materials

| | |
|--------------------|--------------------------------|
| Body | AISI 316 stainless steel |
| Check valve | 38 Ni Cr Mo 4 - UNI - EN 10083 |
| Spring | C72 UNI 3545 |

example for ordering

| Code | Type |
|-------------|-------------|
| FT 2257/7 | 14 |



dimensions

| Type | A UNI 338 | B | C UNI 338 | D | E | CH | CH1 | Weight kg |
|------|-----------|------|-----------|-----|----|----|-----|-----------|
| 14 | 1/4"G | 12,5 | 1/4"G | 100 | 12 | 38 | 28 | 0,771 |
| 38 | 3/8"G | 12,5 | 1/4"G | 115 | 12 | 41 | 34 | 1,012 |
| 12 | 1/2"G | 15,5 | 1/4"G | 139 | 12 | 46 | 41 | 1,553 |
| 34 | 3/4"G | 17 | 1/4"G | 168 | 12 | 55 | 46 | 2,596 |
| 100 | 1"G | 20 | 1/4"G | 197 | 12 | 65 | 55 | 4,161 |

technical data

| Type | Working pressure bar | Minimum working Δp bar | Working temp. °C | Filtration grade μm absolute | Pilotage ratio | Min. opening pressure bar |
|------|----------------------|--------------------------------|------------------|-----------------------------------|----------------|---------------------------|
| 14 | 400 | 1600 | -20° / +130 °C | 25 | 1-5.3 | 0,5 |
| 38 | 400 | 1600 | -20° / +130 °C | 25 | 1-5 | 0,5 |
| 12 | 400 | 1600 | -20° / +130 °C | 25 | 1-5.3 | 0,5 |
| 34 | 400 | 1600 | -20° / +130 °C | 25 | 1-4.4 | 0,5 |
| 100 | 320 | 1300 | -20° / +130 °C | 25 | 1-4.2 | 0,5 |

flowrate

