

## In line stainless steel piston check valves

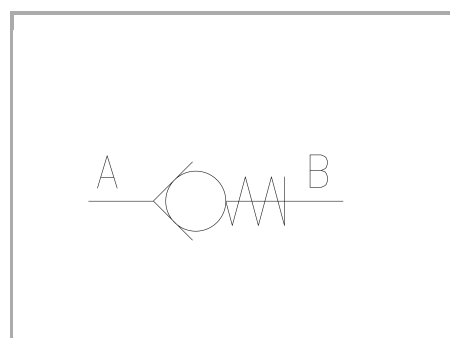
### FT 2257/6

In line check valves available from 1/8" to 2" bsp. Max. working pressure 400/320 Bar, oil flow rate up to 850 Lt./min. (depending on the size). On request NTP THREADS can be supplied

**In line**

**Direct control**

**Stainless Steel AISI 316**



## Technical information

### Technical description

They are inserted in branches of the circuit where the free flow in one direction is allowed and the return flow in the opposite direction is not possible. A lasting and hermetic seal is ensured by the taper valve poppet, which is a reliable mechanical solution. The spring in high-resistance material is housed in such a way that it does not close as a pack during the opening phase. The external configuration of the body makes it easy to seize the piece during the assembling. They are available with different cracking pressure (0,5 standard and 2-4-6-8-10 bars).

### Materials

|                                            |                                         |
|--------------------------------------------|-----------------------------------------|
| CORPO VALVOLA / BODY VALVE                 | Acciaio INOX / Stainless Steel AISI 316 |
| VALVOLA DI RITEGNO / CHECK VALVE           | Acciaio INOX / Stainless Steel AISI 630 |
| MOLLA / SPRING                             | Acciaio INOX / Stainless Steel AISI 316 |
| FONDELLO FILETTATO / THREADED LOCKING RING | Acciaio INOX / Stainless Steel AISI 316 |

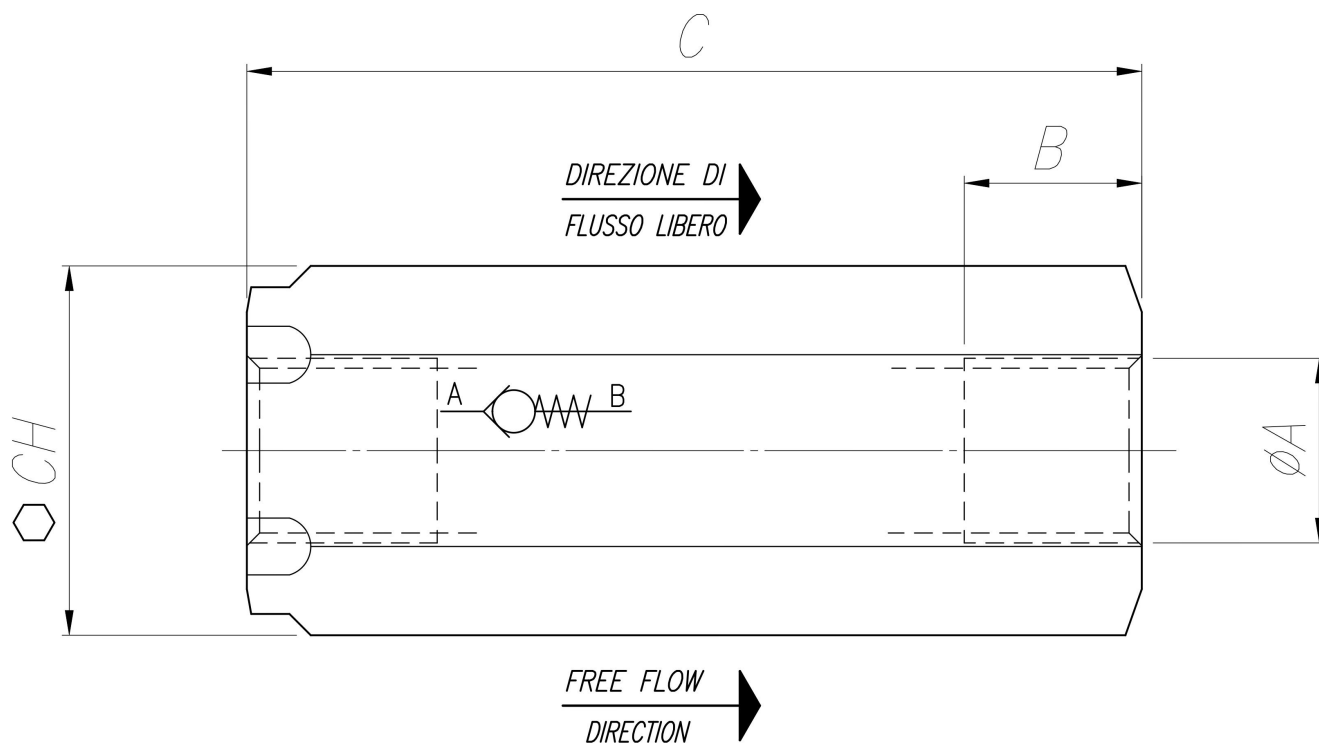
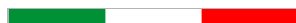


## Technical data

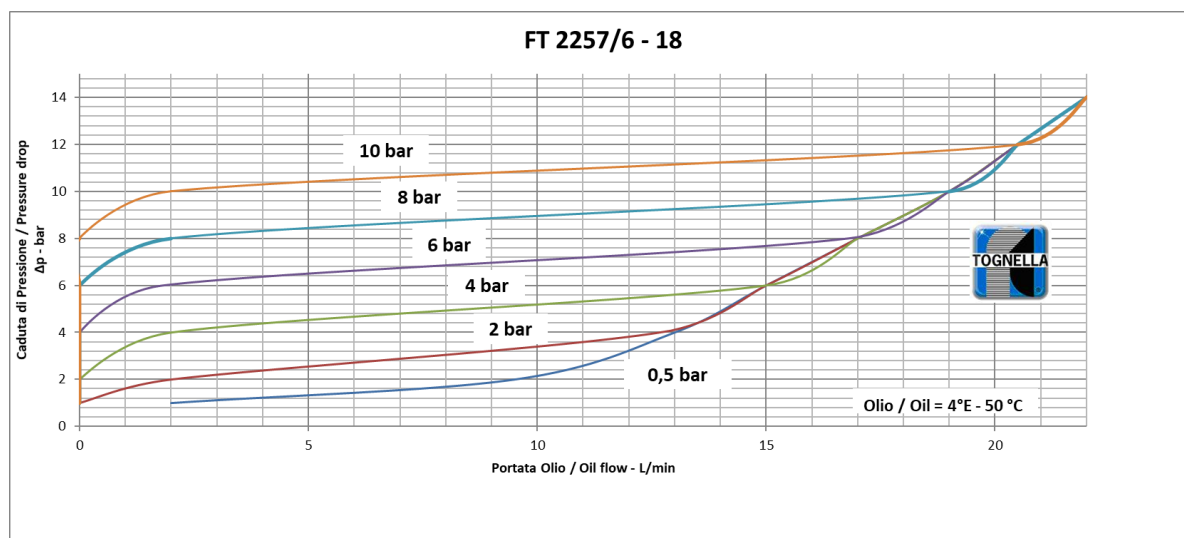
| TIPO / TYPE | PRESSIONE<br>ESERCIZIO BAR /<br>WORKING<br>PRESSURE BAR | MIN. PRESSIONE<br>SCOPPIO BAR /<br>MIN. BURSTING<br>PRESSURE BAR | TEMPERATURA<br>ESERCIZIO /<br>WORKING<br>TEMPERATURE | GRADO DI<br>FILTRAZIONE µm<br>/ FILTRATION<br>GRADE µm |
|-------------|---------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|
| 18          | 400                                                     | 1600                                                             | -20°C/+130°C                                         | 25                                                     |
| 14          | 400                                                     | 1600                                                             | -20°C/+130°C                                         | 25                                                     |
| 38          | 400                                                     | 1600                                                             | -20°C/+130°C                                         | 25                                                     |
| 12          | 400                                                     | 1600                                                             | -20°C/+130°C                                         | 25                                                     |
| 34          | 400                                                     | 1600                                                             | -20°C/+130°C                                         | 25                                                     |
| 100         | 320                                                     | 1300                                                             | -20°C/+130°C                                         | 25                                                     |
| 114         | 320                                                     | 1300                                                             | -20°C/+130°C                                         | 25                                                     |
| 112         | 320                                                     | 1300                                                             | -20°C/+130°C                                         | 25                                                     |
| 200         | 320                                                     | 1300                                                             | -20°C/+130°C                                         | 25                                                     |

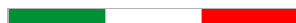
## Dimensional tables and drawings

| TIPO / TYPE | A<br>UNI 338 | B    | C     | CH | PESO / WEIGHT<br>KG |
|-------------|--------------|------|-------|----|---------------------|
| 18          | 1/8" G       | 8,5  | 46    | 17 | 0,075               |
| 14          | 1/4" G       | 12,5 | 63    | 22 | 0,165               |
| 38          | 3/8" G       | 12,5 | 68    | 27 | 0,26                |
| 12          | 1/2" G       | 15,5 | 80,5  | 32 | 0,415               |
| 34          | 3/4" G       | 17   | 99,5  | 36 | 0,605               |
| 100         | 1" G         | 20   | 117   | 46 | 1,17                |
| 114         | 1 1/4" G     | 22   | 134,5 | 55 | 1,85                |
| 112         | 1 1/2" G     | 24   | 159   | 65 | 3,13                |
| 200         | 2" G         | 27   | 198   | 75 | 4,9                 |

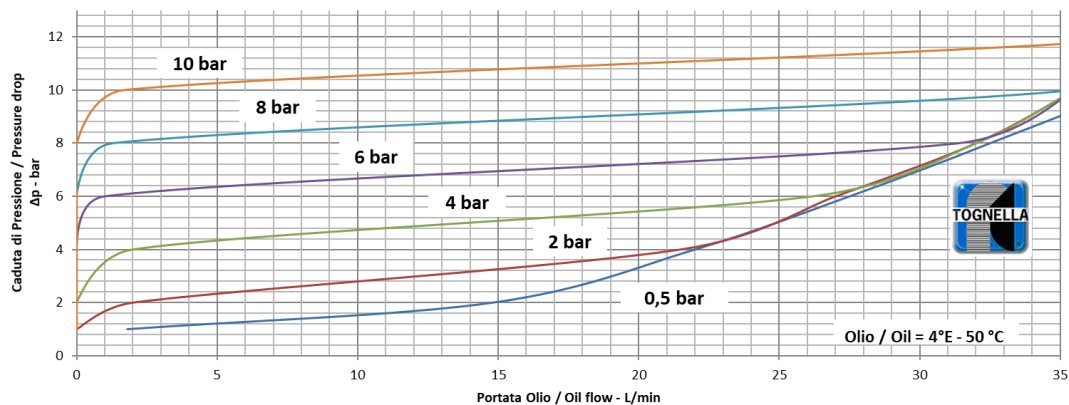


## Flow rate curves

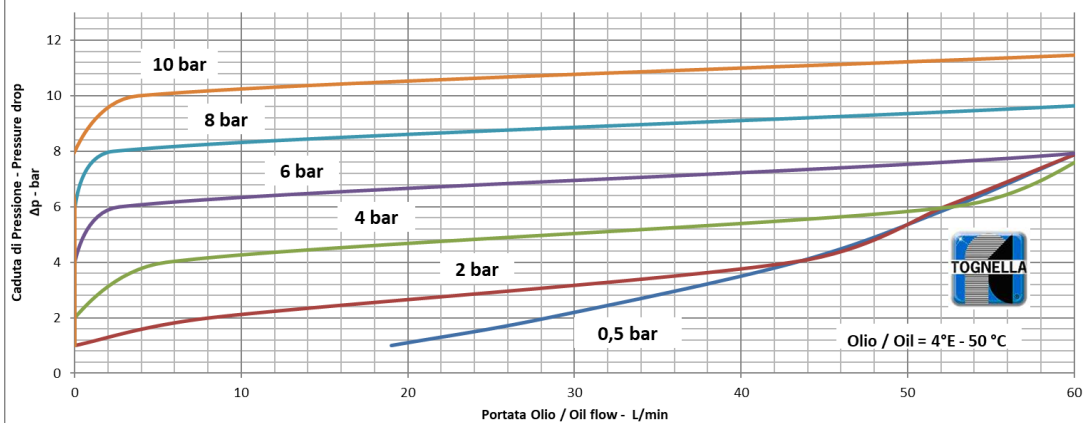




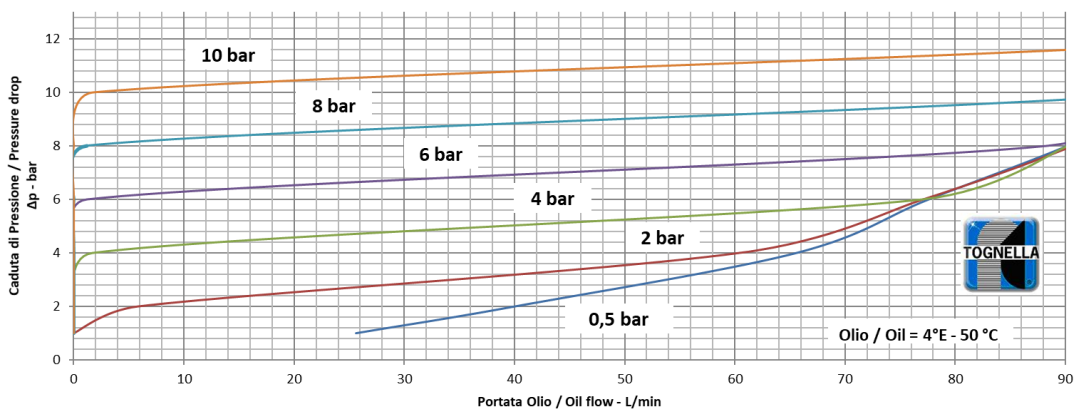
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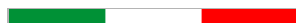


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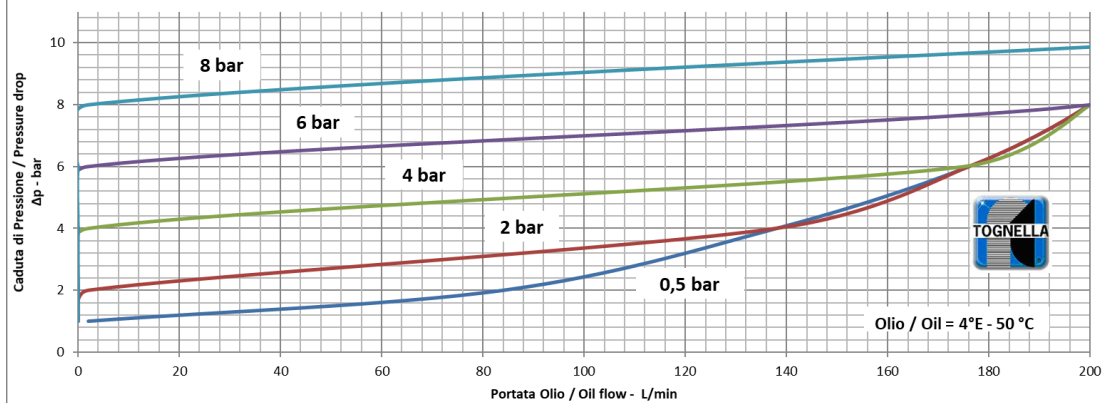


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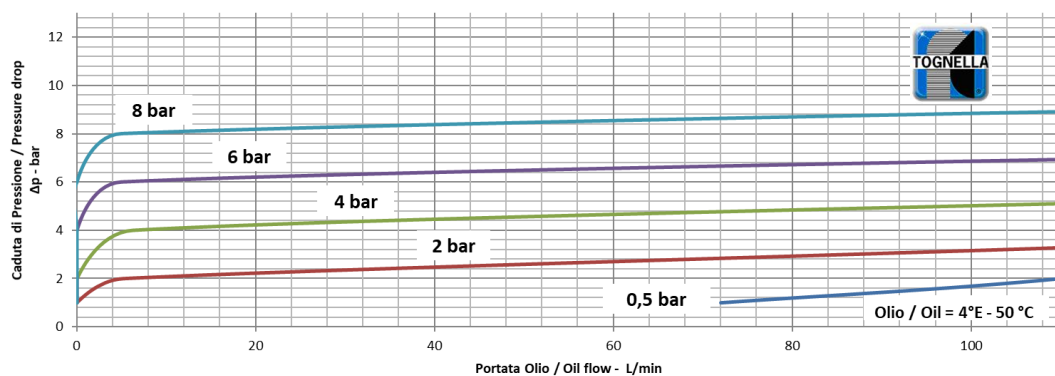




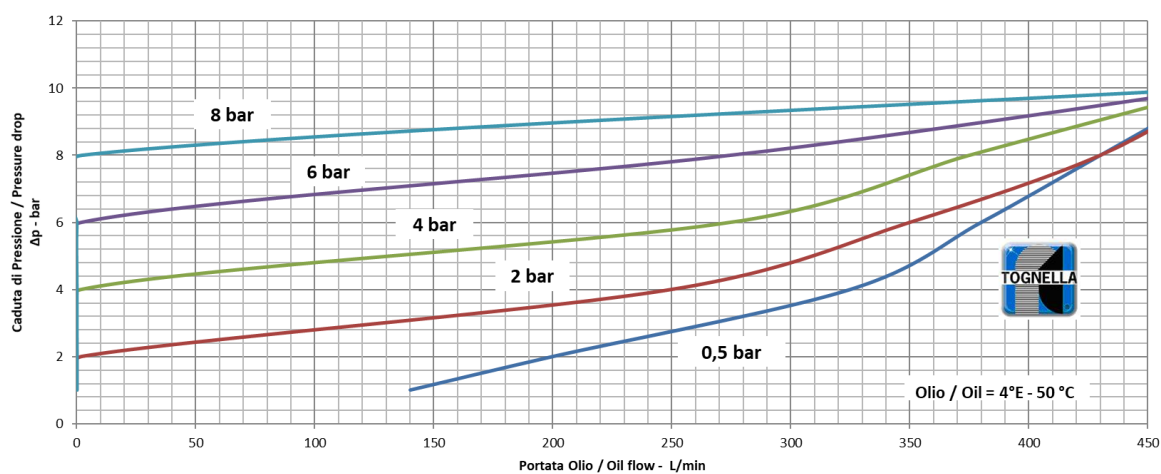
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FT 2257/6 - 100

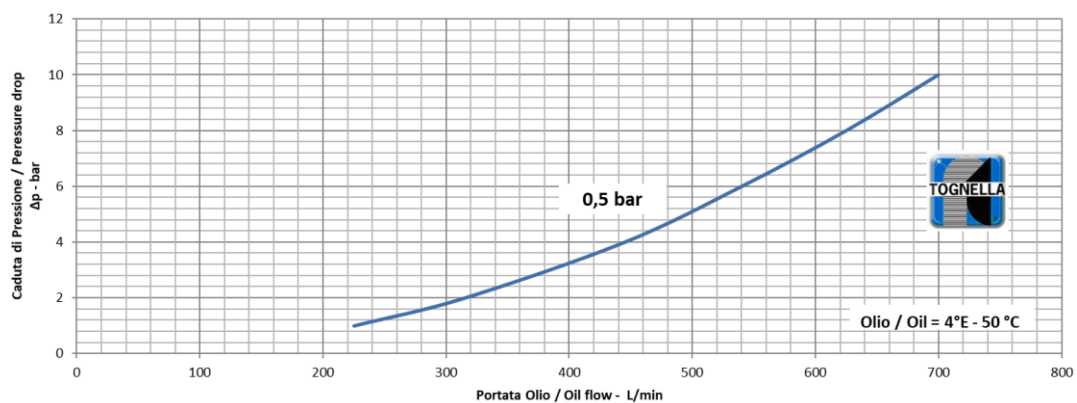


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**FT 2257/6 - 112**



**FT 2257/6 - 200**

