

## In line double-acting flow control valves

### FT 2251/2-01

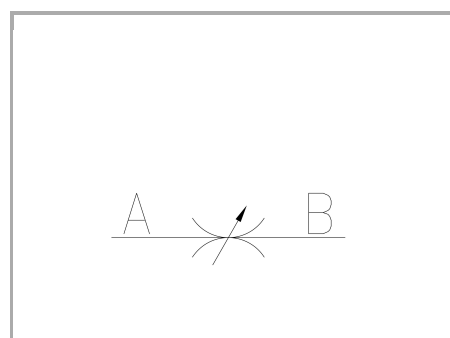
Double-acting flow control valves available from 1/8" to 3/4" BSPP size, max. working pressure 350 Bar, adjustable oil flow rate from 0,5 to 80 Lt./min. (depending on the size)

**Double-acting control**

**In line or panel mounting**

**Stainless Steel AISI 316**

**Connections: F - F Female - Female**



## Technical information

### Technical description

The valves FT 2251/2-01 allow flow regulation in both directions. Of unmistakable style they are manufactured with materials, also suitable for applications with fluids other than oil (such as: air, gas and liquids in general). The working pressure does not exceed 350 bar. They have the same characteristics as the FT 2257 series: • accurate flow regulation; • efficient metallic sealing; • simple setting of flow rates; • secure against accidental needle lift-out; • secure needle position with locking screw inserted in the knob; • panel mounting provision, for which special lock nuts (G) are supplied on request.

### Materials

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| CORPO VALVOLA / VALVE BODY                  | Acciaio INOX / Stainless Steel AISI 316 |
| SPILLO DI REGOLAZIONE / ADJUSTING NEEDLE    | Acciaio INOX / Stainless Steel AISI 630 |
| GUARNIZIONI / GASKETS                       | FPM                                     |
| ANELLI ANTIESTRUSIONE / ANTIEXTRUSION RINGS | PTFE                                    |
| MANOPOLA TIPO MA - RA / KNOB TYPE MA - RA   | GD AISi12 - UNI EN AB 46100             |
| MANOPOLA TIPO MP / KNOB TYPE MP             | ABS                                     |

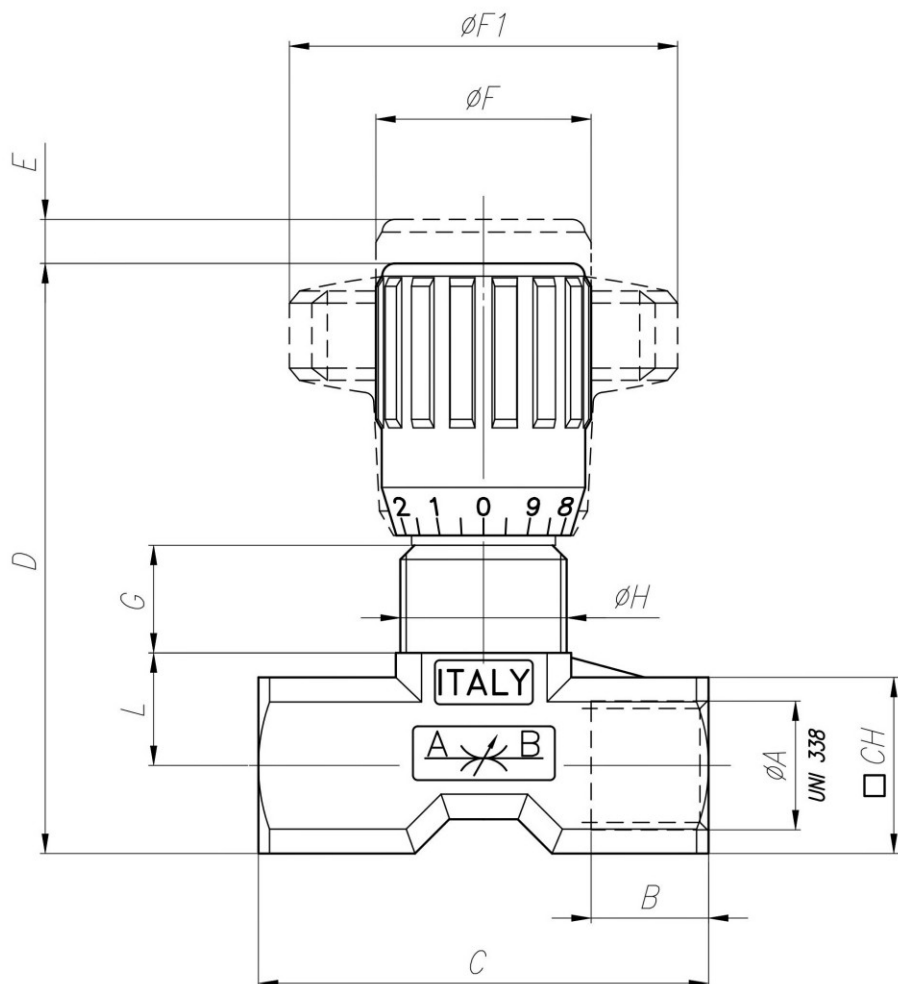
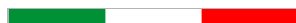


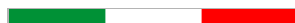
## Technical data

| TIPO / TYPE | PRESSIONE<br>ESERCIZIO BAR /<br>WORKING<br>PRESSURE BAR | TEMPERATURA<br>ESERCIZIO /<br>WORKING<br>TEMPERATURE | GRADO DI<br>FILTRAZIONE µm<br>/ FILTRATION<br>GRADE µm |
|-------------|---------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|
| 18          | 350                                                     | -20°C/+130°C                                         | 25                                                     |
| 14          | 350                                                     | -20°C/+130°C                                         | 25                                                     |
| 38          | 350                                                     | -20°C/+130°C                                         | 25                                                     |
| 12          | 350                                                     | -20°C/+130°C                                         | 25                                                     |
| 34          | 350                                                     | -20°C/+130°C                                         | 25                                                     |

## Dimensional tables and drawings

| TIPO / TYPE | A<br>UNI 338 | B  | C  | D   | E   | ØF | ØF1 | G    | H       | L    | CH | PESO / WEIGHT<br>KG |
|-------------|--------------|----|----|-----|-----|----|-----|------|---------|------|----|---------------------|
| 18          | 1/8" G       | 8  | 40 | 55  | 4   | 22 | 40  | 12   | M15x1   | 9,5  | 15 | 0,105               |
| 14          | 1/4" G       | 12 | 46 | 57  | 4,5 | 22 | 40  | 11,5 | M17x1   | 11,5 | 18 | 0,122               |
| 38          | 3/8" G       | 13 | 55 | 69  | 7   | 27 | 50  | 12,5 | M20x1   | 15   | 22 | 0,233               |
| 12          | 1/2" G       | 16 | 70 | 82  | 10  | 33 | 70  | 13   | M25x1,5 | 19   | 27 | 0,455               |
| 34          | 3/4" G       | 20 | 91 | 100 | 12  | 38 | 80  | 15   | M30x1,5 | 22   | 34 | 0,860               |





## Flow rate curves

