



In line double-acting flow control valves

FT 1251/2-01

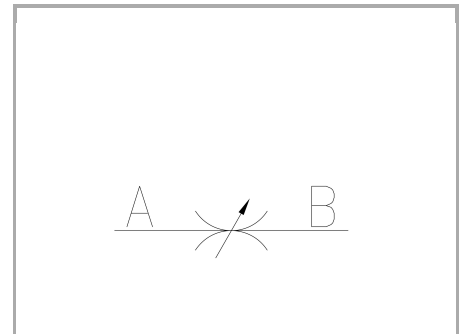
Double-acting flow control valves available from 1/8" to 3/4" BSPP size, max.working pressure 210 Bar, adjustable oil flow rate from 0,5 to 80 Lt./min. (depending on the size)

Double-acting control

In line or panel mounting

Brass OT58 - UNI5705 Nickel Plated

Connections: F - F Female - Female



Technical information

Technical description

The valves FT 1251/2-01 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: water, gas and liquids in general). They are suitable for application where working pressure does not exceed 210 bar, as an alternative to FT 257/2 (suitable up to 400 bar) or where ferrous materials cannot be used. They have the same characteristics as the FT 257 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 | OT 58-UNI EN 12165 |
| SPILLO DI REGOLAZIONE / ADJUSTING NEEDLE | Acciaio/Steel X 10 Cr Ni S 1809-UNI EN 10088-1 |
| GUARNIZIONI / GASKETS | Di serie NBR - A richiesta FPM/Standard NBR-on demand FPM |
| ANELLI ANTIESTRUSIONE / ANTIEXTRUSION RINGS | PTFE |
| MANOPOLA TIPO MA - RA / KNOB TYPE MA - RA | GD AlSi12 - UNI EN AB 46100 |
| MANOPOLA TIPO MP / KNOB TYPE MP | ABS |

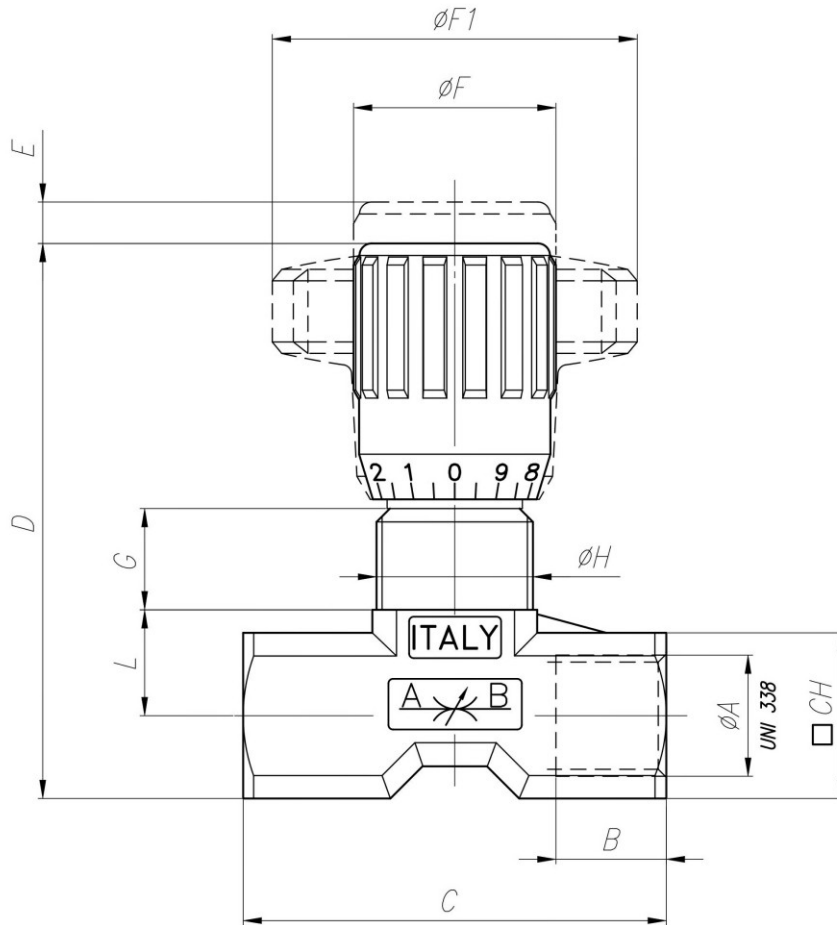


Technical data

| TIPO / TYPE | PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR | TEMPERATURA ESERCIZIO / WORKING TEMPERATURE | GRADO DI FILTRAZIONE μm / FILTRATION GRADE μm |
|-------------|---|--|--|
| 18 | 210 | -20°C/+100°C | 25 |
| 14 | 210 | -20°C/+100°C | 25 |
| 38 | 210 | -20°C/+100°C | 25 |
| 12 | 210 | -20°C/+100°C | 25 |
| 34 | 210 | -20°C/+100°C | 25 |

Dimensional tables and drawings

| TIPO / TYPE | A UNI 338 | B | C | D | E | $\varnothing\text{F}$ | $\varnothing\text{F1}$ | G | H | L | CH | PESO / WEIGHT 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

