



## 90° double-acting flow control valves Male-Female threads

### FT 1252/2-02

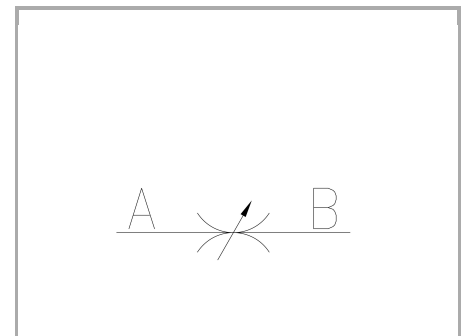
Double-acting flow control valves available from 1/8" to 1/2" BSPP size, max. working pressure 210 Bar, adjustable oil flow rate from 0,5 to 60 Lt./min. (depending on the size)

**Double-acting control**

**90° configuration In line or panel mounting**

**Brass OT58 - UNI5705 Nickel Plated**

**Connections: M - F Male - Female**



## Technical information

### Technical description

The valves FT 1252/2-02 allow the flow regulation in both directions. Of unmistakable style they are manufactured with materials, which are suitable also for applications with fluids other than oil (such as: water, gas and liquids in general). They are an alternative to FT 257/2 (suitable up to 400 bar) where the working pressure does not exceed 210 bar and 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

<b>CORPO VALVOLA / VALVE BODY</b>	<b>OT 58-UNI EN 12165</b>
<b>SPILLO DI REGOLAZIONE / ADJUSTING NEEDLE</b>	<b>Acciaio/Steel X 10 Cr Ni S 1809-UNI EN 10088-1</b>
<b>GUARNIZIONI / GASKETS</b>	<b>Di serie NBR - A richiesta FPM/Standard NBR-on demand FPM</b>
<b>ANELLI ANTIESTRUSIONE / ANTIEXTRUSION RINGS</b>	<b>PTFE</b>
<b>MANOPOLA TIPO MA - RA / KNOB TYPE MA - RA</b>	<b>GD AlSi12 - UNI EN AB 46100</b>
<b>MANOPOLA TIPO MP / KNOB TYPE MP</b>	<b>ABS</b>



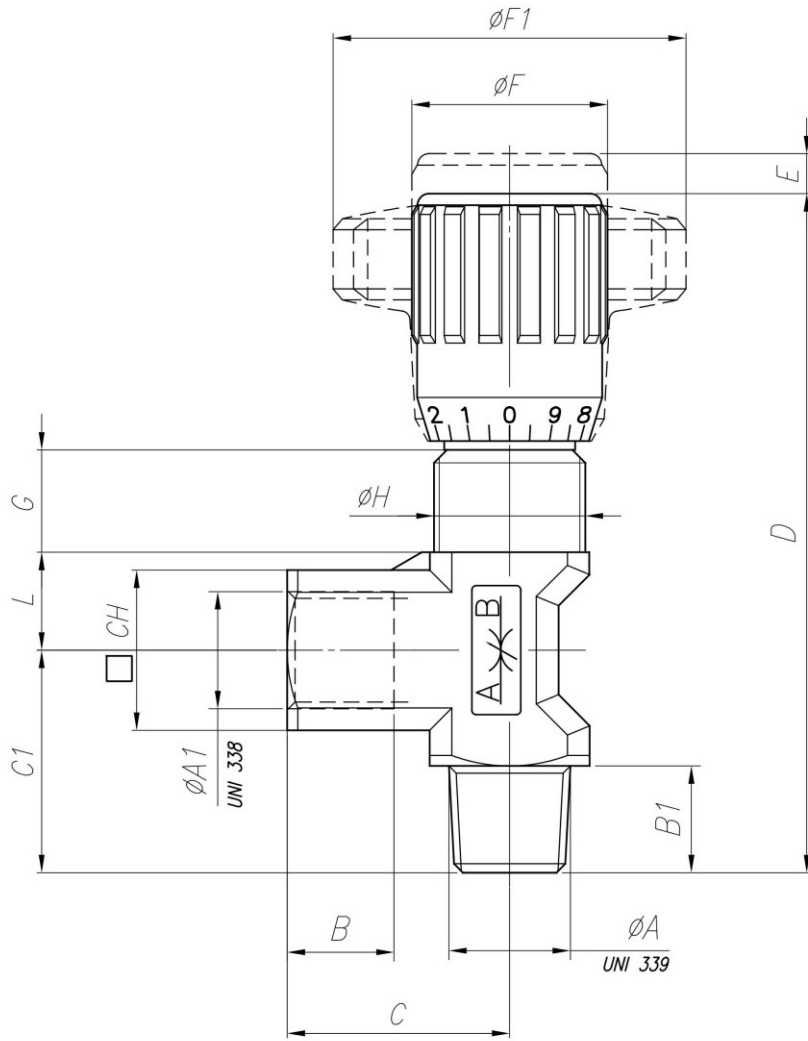
## Technical data

TIPO / TYPE	PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR	TEMPERATURA ESERCIZIO / WORKING TEMPERATURE	GRADO DI FILTRAZIONE $\mu\text{m}$ / FILTRATION GRADE $\mu\text{m}$
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

## Dimensional tables and drawings

TIPO / TYPE	$\varnothing A$ UNI 339	$\varnothing A1$ UNI 338	B	B1	C	C1	D	E
18	1/8" Gc	1/8" G	8	9	21	21	70	4
14	1/4" Gc	1/4" G	12	12	25	25	74	4,5
38	3/8" Gc	3/8" G	13	13	29,5	29,5	88	7
12	1/2" Gc	1/2" G	16	16	36	36	105	10

TIPO / TYPE	$\varnothing F$	$\varnothing F1$	G	$\varnothing H$	L	CH	PESO / WEIGHT KG
18	22	40	12	M15x1	9,5	15	0,102
14	22	40	11	M17x1	11,5	18	0,132
38	27	50	12,5	M20x1	15	22	0,245
12	33	70	13	M25x1,5	19	27	0,440





## Flow rate curves

