



## 90° double-acting flow control valves male-female threads

### FT 252/2-02

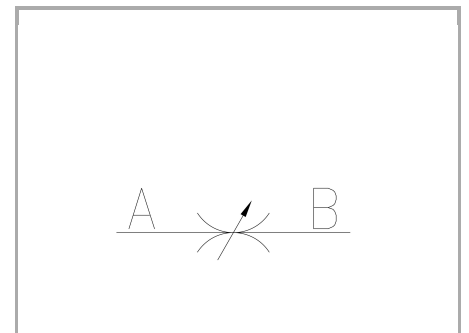
Double-acting flow control valves available from 1/4" to 1/2" BSPP size, max. working pressure 350 Bar, adjustable oil flow rate from 0,5 to 60 Lt./min. (depending on the size)

**Double-acting control**

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

**Carbon steel**

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



## Technical information

### Technical description

The valves FT 252/2-02 allows flow regulation in both directions. They are equipped with a needle properly set up to obtain : • efficient metallic sealing; • flow linearity at the opening; • accurate regulation for a wide range of flow rate. A double reference system made up of a decimal scale on the handwheel and of a keyed metal ring, with graduated scale, and divided into sectors, permits to easily identify flow conditions. A locking screw, inside the handwheel, guarantees stable flow values preventing vibrations, accidental movements and possible impacts. For panel mounting is sufficient to insert a nut ( G ), supplied on request.

### Materials

CORPO VALVOLA / VALVE BODY	Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087
SPILO DI REGOLAZIONE / ADJUSTING NEEDLE	Acciaio legato/Alloy steel
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	Alluminio / Aluminium GD AlSi12 - UNI EN AB 46100
MANOPOLA TIPO MP / KNOB TYPE MP	ABS

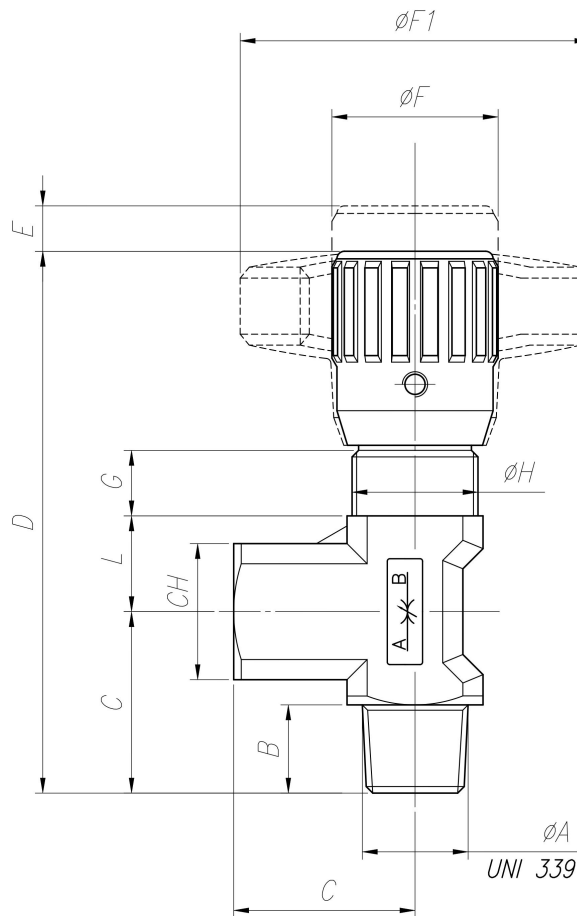


## Technical data

TIPO / TYPE	PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR	MIN. PRESSIONE SCOPPIO BAR / MIN. BURSTING PRESSURE BAR	TEMPERATURA ESERCIZIO / WORKING TEMPERATURE	GRADO DI FILTRAZIONE $\mu\text{m}$ / FILTRATION GRADE $\mu\text{m}$
14	350	1600	-20°C/+100°C	25
38	350	1600	-20°C/+100°C	25
12	350	1600	-20°C/+100°C	25

## Dimensional tables and drawings

TIPO / TYPE	A UNI 339	B	C	D	E	$\varnothing F$	$\varnothing F1$	G	H	CH	PESO / WEIGHT KG
14	1/4" Gc	13,5	25	74,5	4,5	22	40	12	M17x1	18	0,125
38	3/8" Gc	14,5	29,5	88	7	27	50	11,5	M20x1	22	0,228
12	1/2" Gc	17,5	36	105	10	33	70	13	M25x1,5	27	0,418





## Flow rate curves

