

## In line single-acting flow control valves

### FT 1251/5-01

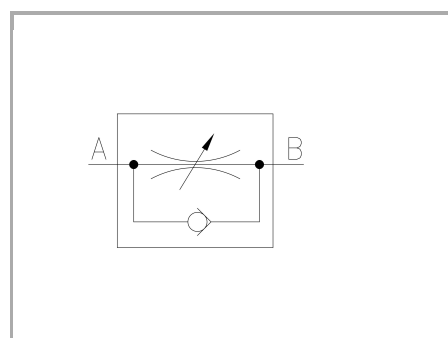
Single-acting flow control valves available from 1/4" to 3/4" BSPP size, max. working pressure 210 Bar, adjustable oil flow rate from 1 to 80 Lt/min. (depending on the size)

**Single-acting control**

**In line or panel mounting**

**Brass OT58 - UNI5705 Nickel Plated**

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



## Technical information

### Technical description

The valves FT 1251/5-01 guarantee precise flow regulation in one direction and full free flow in opposite direction thanks to the equipment of single-acting unit with ball guide. They are an alternative to FT 257/5 where the working pressure does not exceed 210 bar or where ferrous materials cannot be used. They are ideal for use with fluids other than oil ( such as: air, gas, and liquids in general ). They have the same characteristics as the FT 257 series: • efficient metallic sealing; • flow linearity at the opening; • simple setting of flow rates; • secure against accidental needle lift-out; • secure needle positio; • 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>MOLLA / SPRING</b>	<b>Acciaio/Steel AISI 302</b>
<b>SFERA / BALL</b>	<b>Acciaio/Steel UNI 100-C6</b>
<b>GUIDA SFERA / BALL GUIDE</b>	<b>NYLON 66 + FIBRA CARBONIO / CARBON FIBRE</b>
<b>MANOPOLA TIPO MA - RA / KNOB TYPE MA - RA</b>	<b>GD AISi12 - UNI EN AB 46100</b>
<b>MANOPOLA TIPO MP / KNOB TYPE MP</b>	<b>ABS</b>

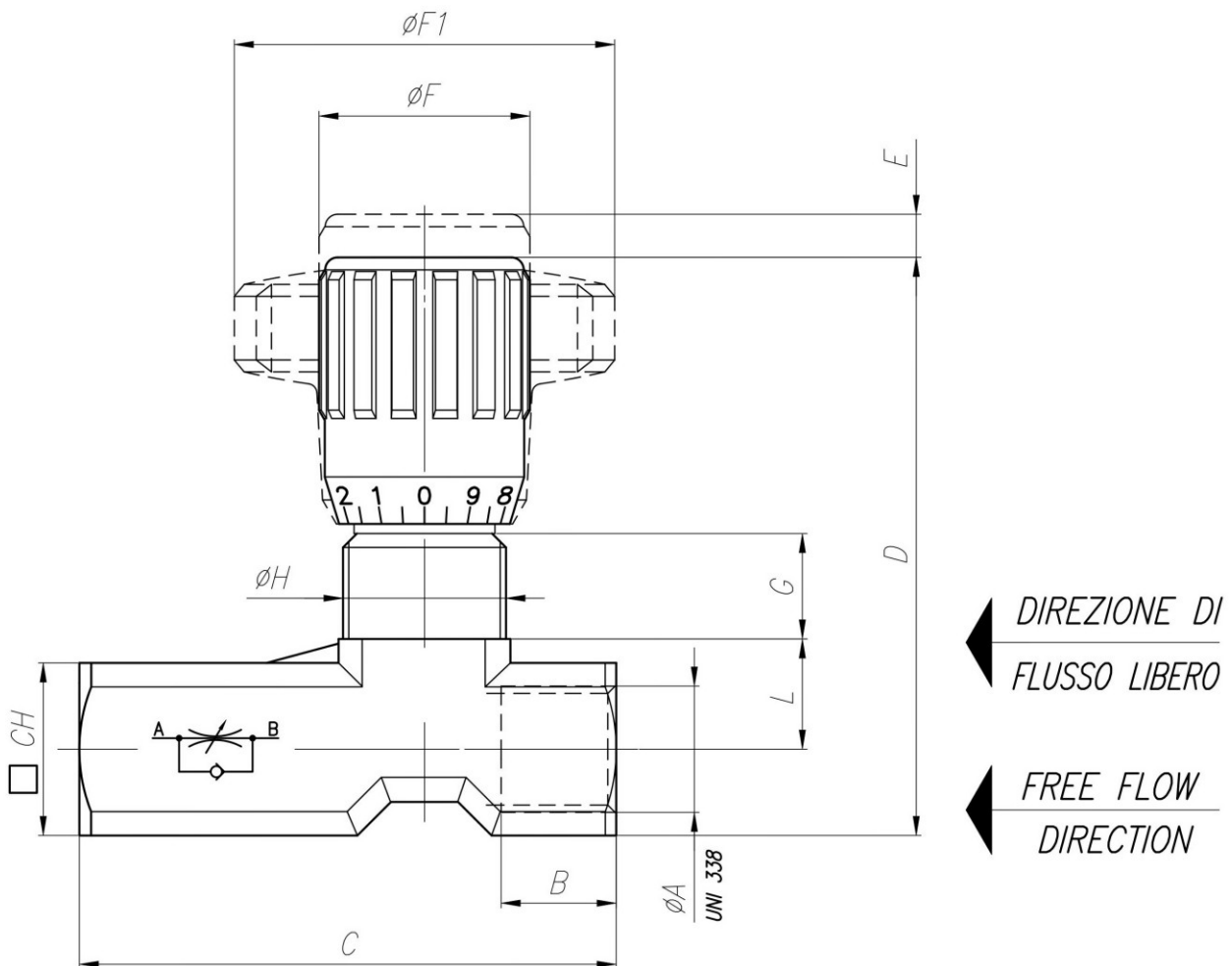


## Technical data

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

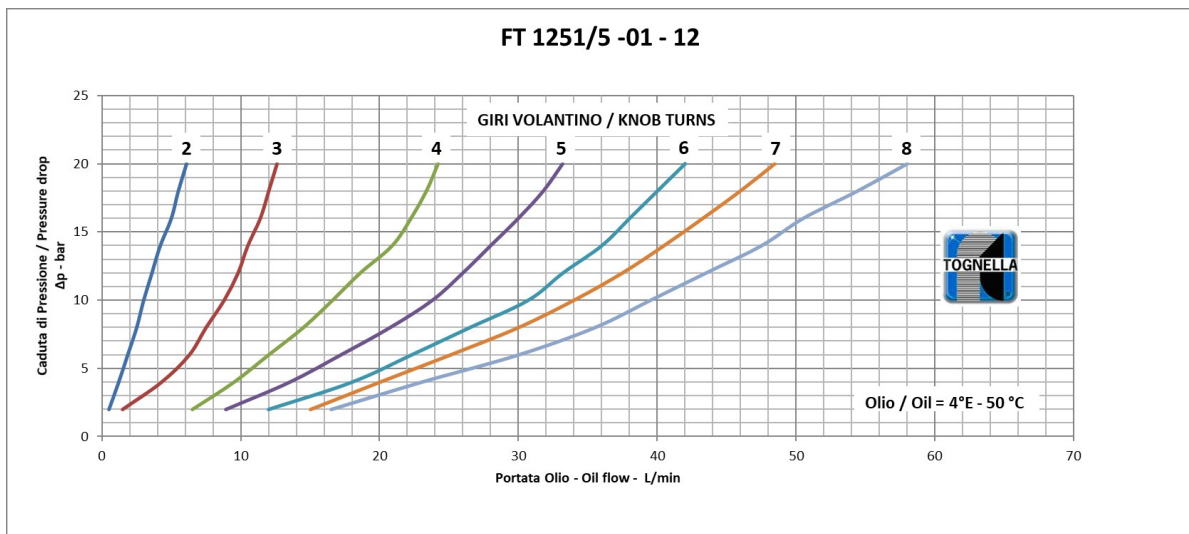
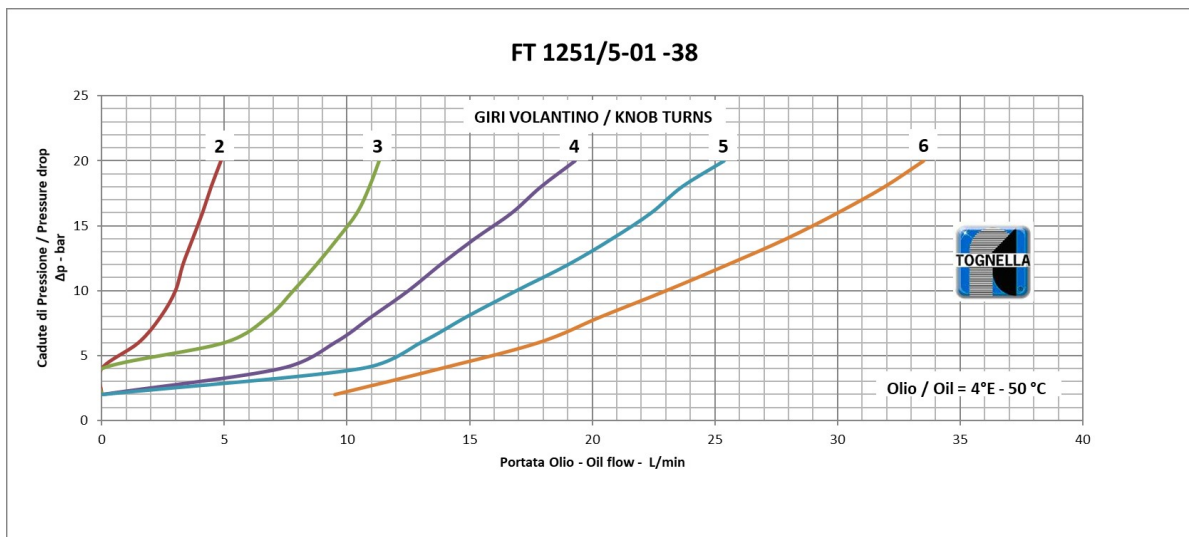
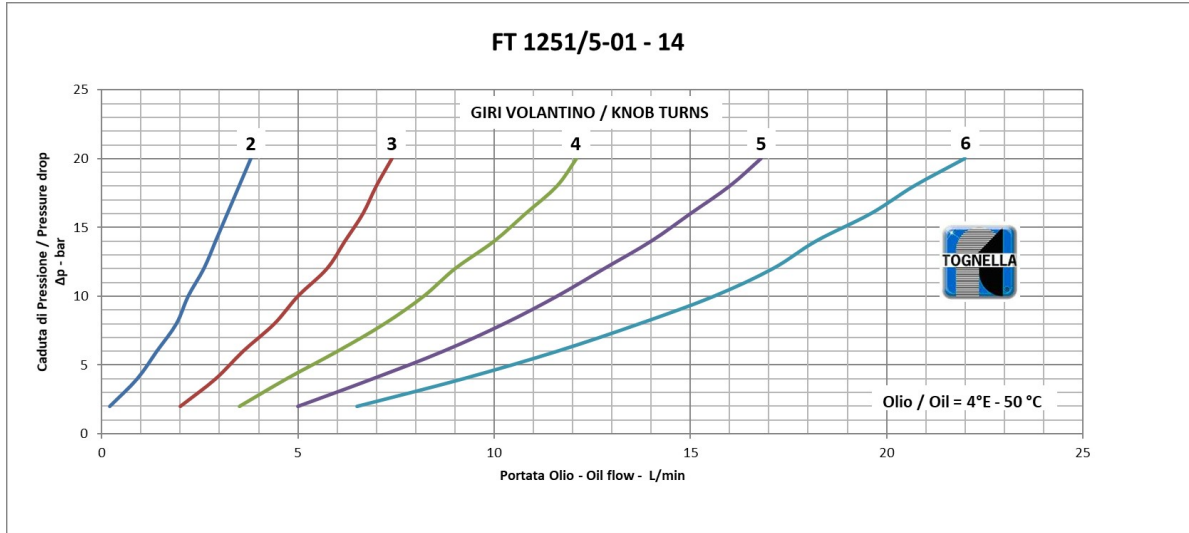
## Dimensional tables and drawings

TIPO / TYPE	A UNI 338	B	C	D	E	$\varnothing F$	$\varnothing F1$	G	H	L	CH	PESO / WEIGHT KG
14	1/4" G	12	56	57	4,5	22	40	11,5	M17x1	11,5	18	0,138
38	3/8" G	13	64,5	69	7	27	50	12,5	M20x1	15	22	0,259
12	1/2" G	16	87	82	10	33	70	13	M25x1,5	19	27	0,499
34	3/4" G	20	115	100	12	38	80	15	M30x1,5	22	34	0,975



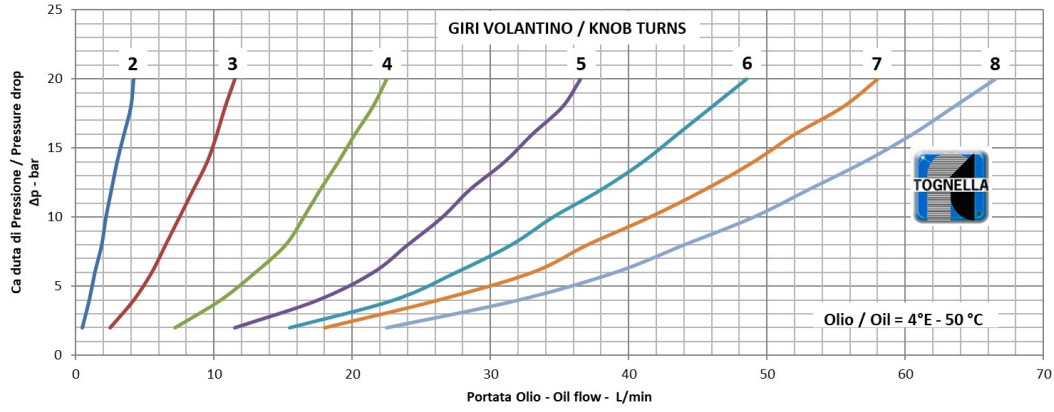


## Flow rate curves





### FT 1251/5 -01 -34



### FT 1251/5 -01 - PORTATA FLUSSO LIBERO / FREE FLOW

