

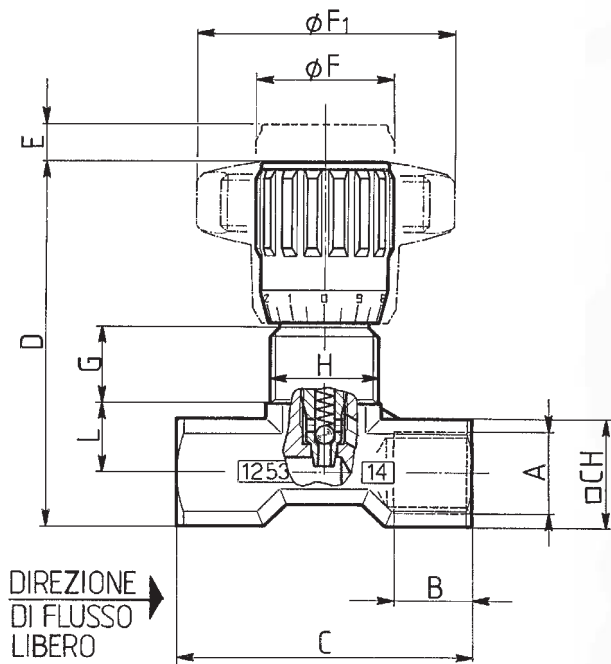

**MATERIALS**

BODY	DT 58 - UNI 5705 - NICKEL PLATED
NEEDLE	X 10 CR NI S 1809 - UNI 6900
O R	NITRILE
ANTIEXTRUSION RING	PTFE
KNOB	GD AL SI 12 - UNI 5706
KNOB (MP)	ABS

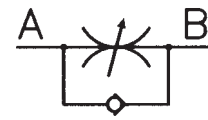
**EXAMPLE FOR ORDERING**

## ACCESSORIES ON REQUEST

	CODE	TYPE	PANEL RING NUT	VITON SEAL	KNOB ABS
BRASS	FT 1253/5-02	12	G	V	MP
STAINLESS STEEL	FT 2253/5-02	18	G	V	MP


**DIMENSIONS**

TYPE	A UNI 338	B	C	D	E	$\phi F$	$\phi F_1$	G	H	L	$\square CH$	WEIGHT KG
1 8	1/8"G	8	40	55	4	22	40	12	M15x1	9,5	15	0,105
1 4	1/4"G	12	46	57	4,5	22	40	11,5	M17x1	11,5	18	0,135
3 8	3/8"G	13	55	69	7	27	50	12,5	M20x1	15	22	0,250
1 2	1/2"G	16	70	82	10	33	70	13	M25x1,5	19	27	0,460
3 4	3/4"G	20	91	100	12	38	80	15	M30x1,5	22	34	0,860



## SINGLE-ACTING NEEDLE CONTROL VALVE IN LINE

Derived from the pressing of series **FT 1251/2** they allow regulation of flow in one direction and full free flow in opposite direction thanks to the needle unit with incorporated ball they are equipped with.

As an alternative to FT 257/5 (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 withdrawal;
- secure needle position;
- provision for panel mounting, for which special lock nut (G) is supplied on request.

For use with pressure up to 210 bar

### On request

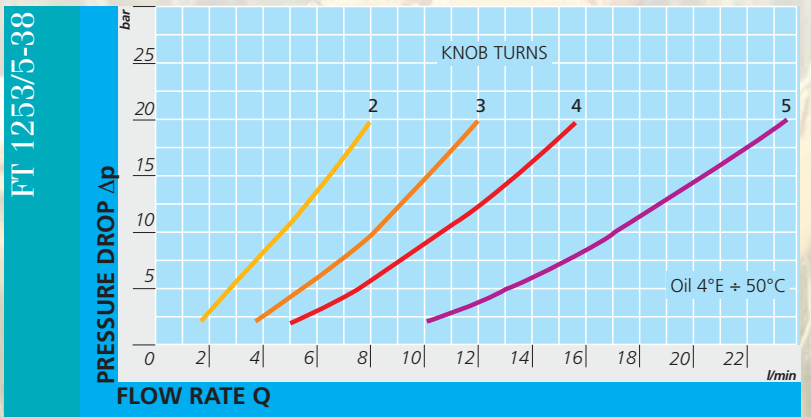
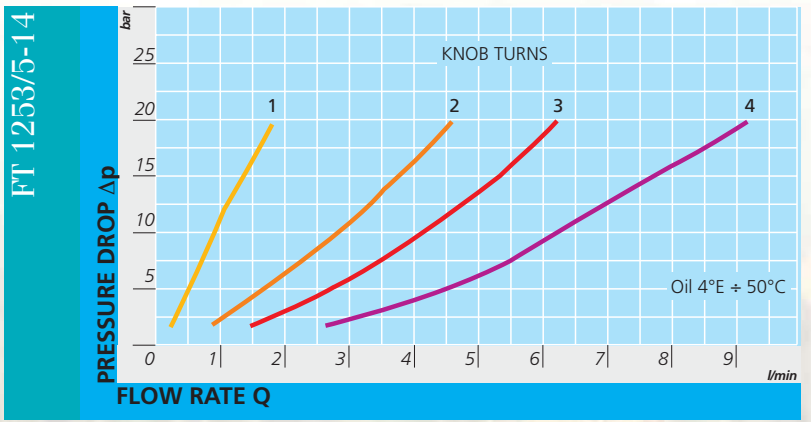
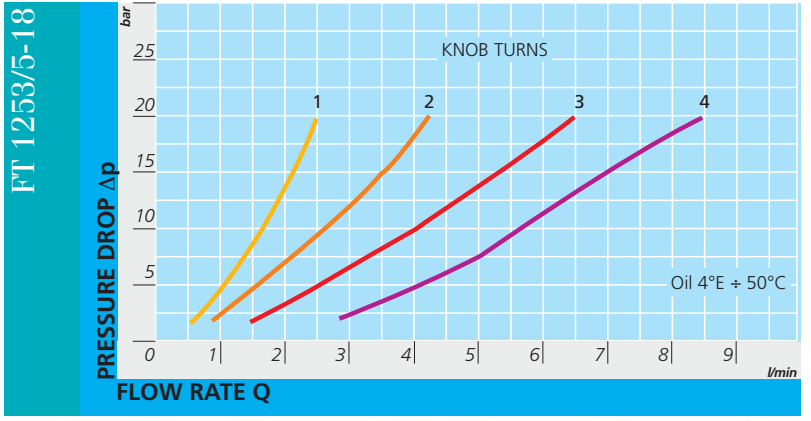
- Versions AISI 316 Code FT 2253/5
- Viton (V) seals
- NPT threads
- ABS (mp)Knob
- Complete with lock nut (G)



# FT 1253/5

## TECHNICAL DATA

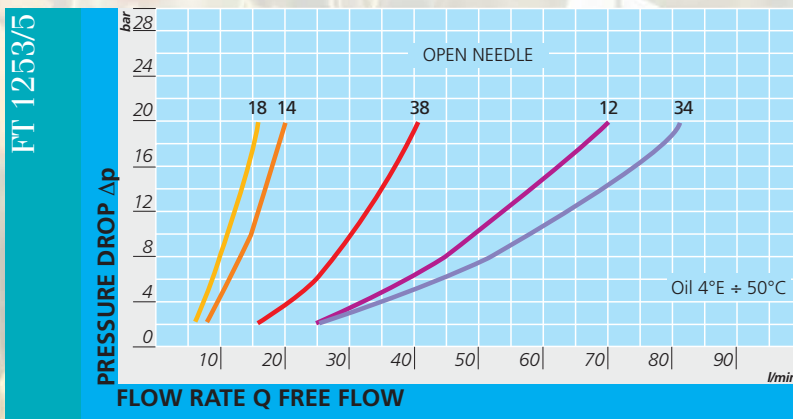
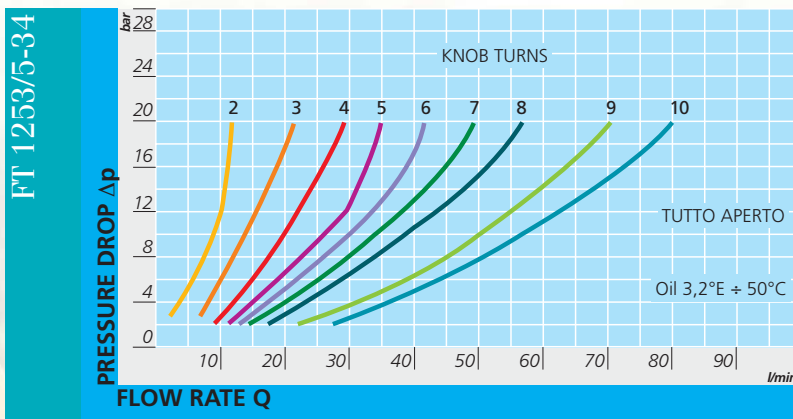
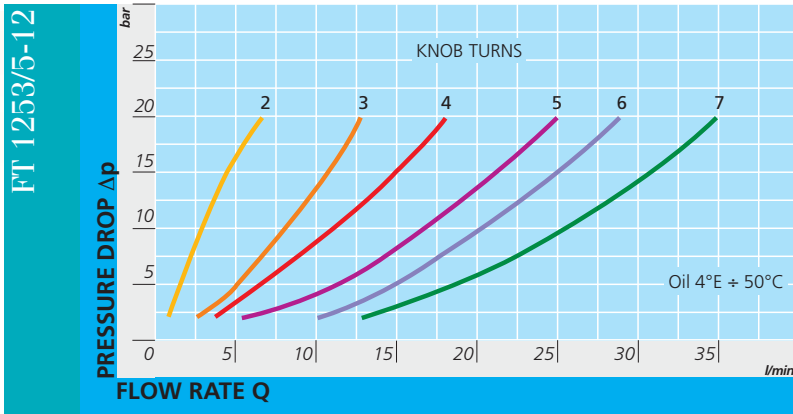
TYPE	FLOW SQ MM <sup>2</sup>	MAX WORKING PRESSURE BAR	WORKING TEMPERATURE °C	FILTRATION GRADE μM
1 8	7,07	210	-20°/+100°	25
1 4	12,57	210	-20°/+100°	25
3 8	19,64	210	-20°/+100°	25
1 2	50,27	210	-20°/+100°	25
3 4	78,54	210	-20°/+100°	25



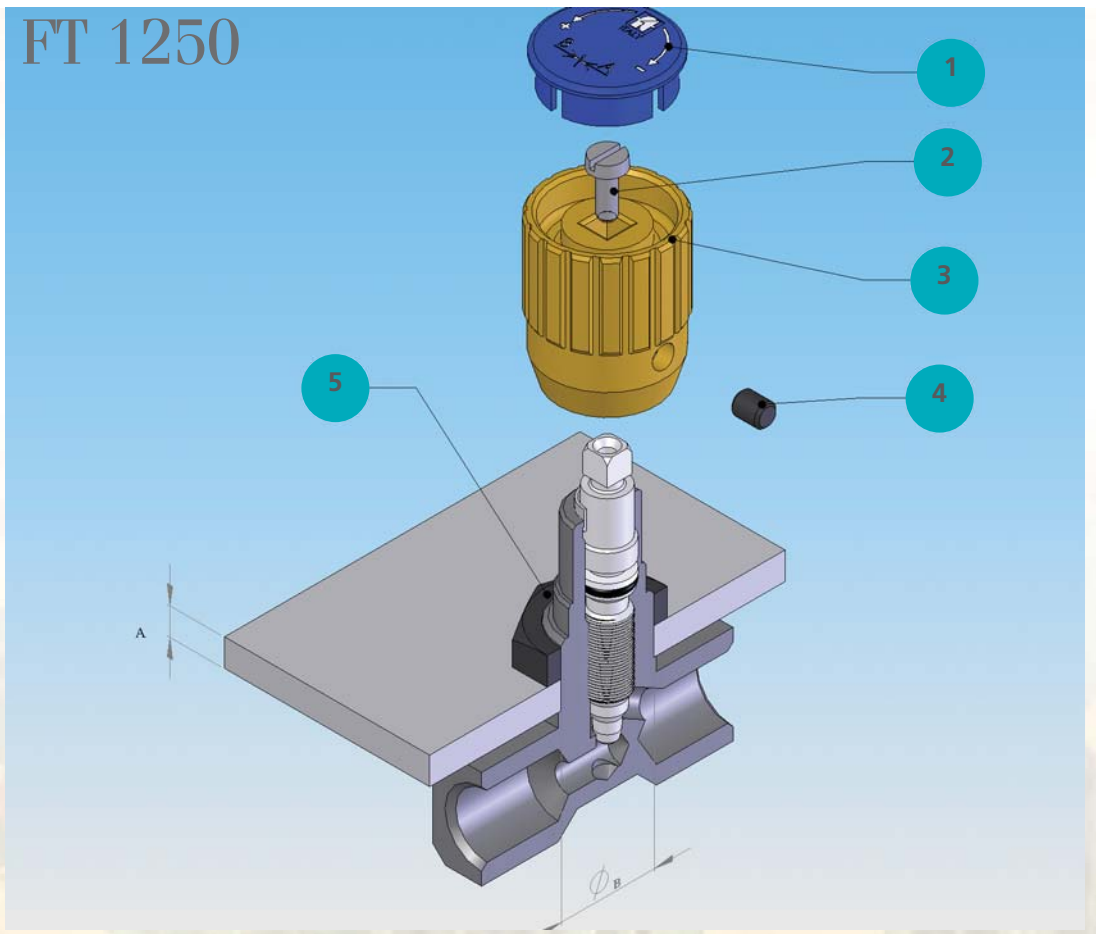
# FLOW RATE CURVES



FT 1253/5



# FT 1250



### ASSEMBLY INSTRUCTION

1°	LOOSEN SCREW PRESSURE DOWEL ( 4 )
2°	REMOVE PLUG ( 1 )
3°	REMOVE SCREW ( 2 )
4°	PULL OFF KNOB ( 3 )
5°	INSERT RING NUT ( 5 ), ON REQUEST IT IS SUPPLIED WITH THE VALVE
( A )	MAX. THICKNESS
( B )	PANEL HOLE $\varnothing$

TYPE VALVE	THICKNESS PANEL A MAX	PANEL HOLE $\varnothing$ B
1 8	5	16
1 4	5	18
3 8	5	21
1 2	6	26
3 4	6	31