

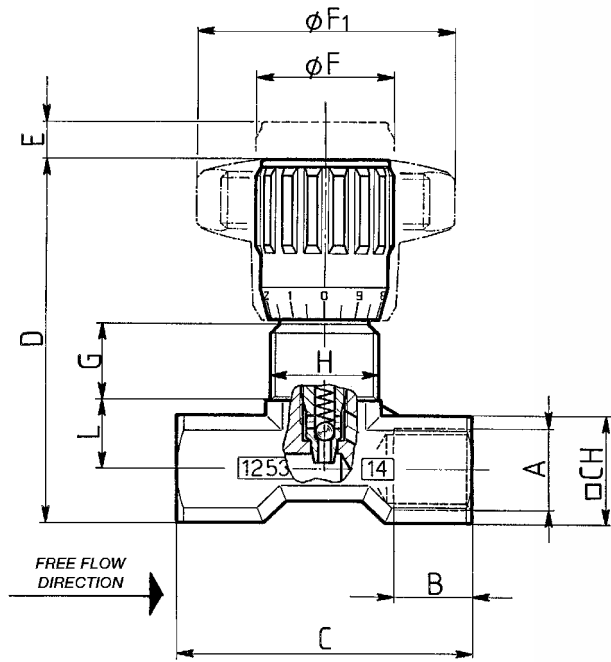


MATERIALS

BODY	OT 58 - UNI 5705 - NICKEL PLATED
NEEDLE	X 10 CR NI S 1809 - UNI 6900
OR	NITRILE
ANTIEXTRUSION RING	PTFE
KNOB	GD AL SI 12 - UNI EN AB 46100
KNOB (MP)	ABS

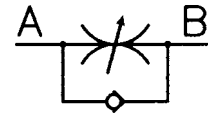
EXAMPLE FOR ORDERING

ACCESSORIES ON REQUEST					
	CODE	TYPE	PANEL RING NUT	VITON SEAL	KNOB ABS
BRASS	FT 1253/5-01	12	G	V	MP
STAINLESS STEEL	FT 2253/5-01	18	G	-	MP



DIMENSIONS

TYPE	^A UNI 338	B	C	D	E	ϕF	ϕF_1	G	H	L	$\square CH$	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	0,135
38	3/8"G	13	55	69	7	27	50	12,5	M20x1	15	22	0,250
12	1/2"G	16	70	82	10	33	70	13	M25x1,5	19	27	0,460
34	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)



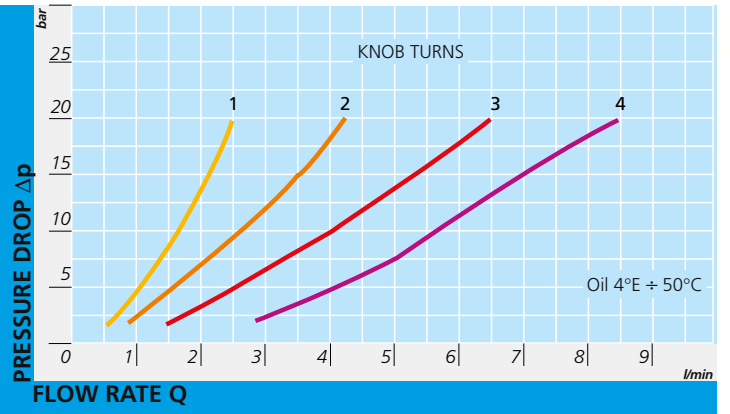
FT 1253/5

TECHNICAL DATA

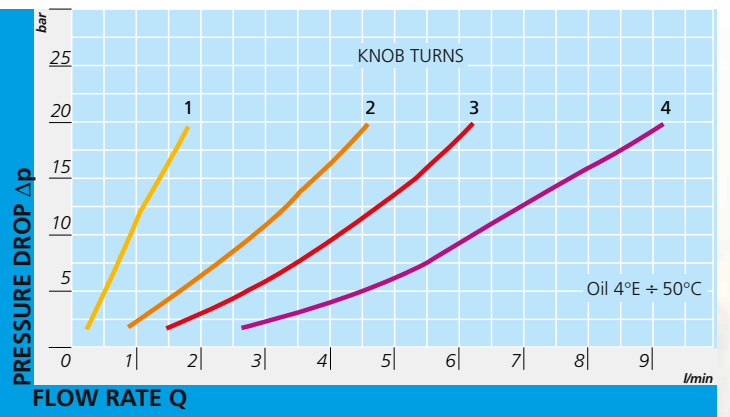
TYPE	FLOW SQ MM ²	MAX WORKING PRESSURE BAR	WORKING TEMPERATURE °C	FILTRATION GRADE μM
18	7,07	210	-20°/+100°	25
14	12,57	210	-20°/+100°	25
38	19,64	210	-20°/+100°	25
12	50,27	210	-20°/+100°	25
34	78,54	210	-20°/+100°	25



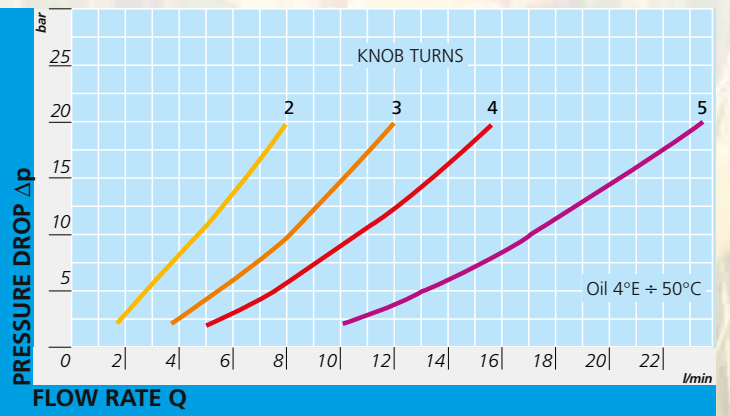
FT 1253/5-18



FT 1253/5-14



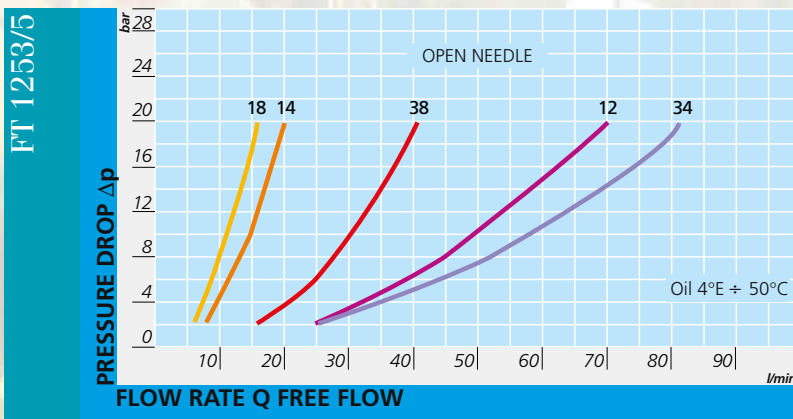
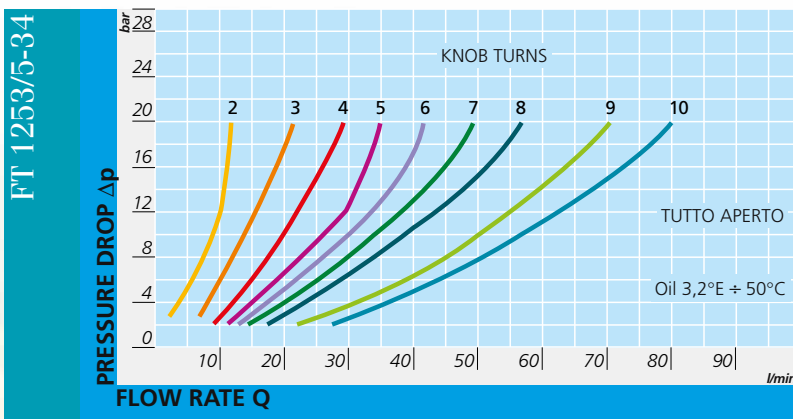
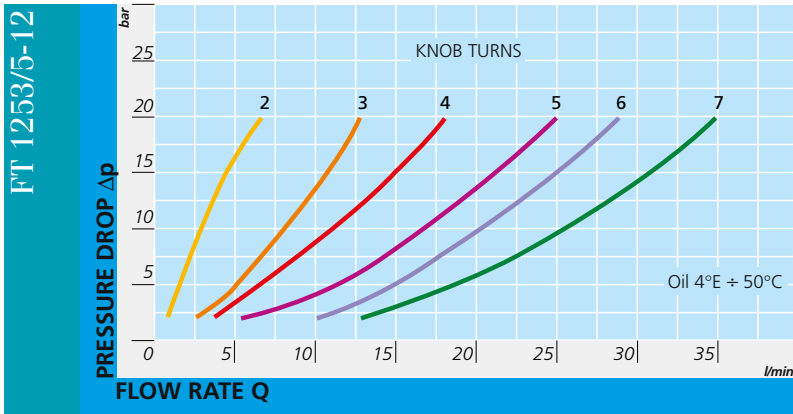
FT 1253/5-38

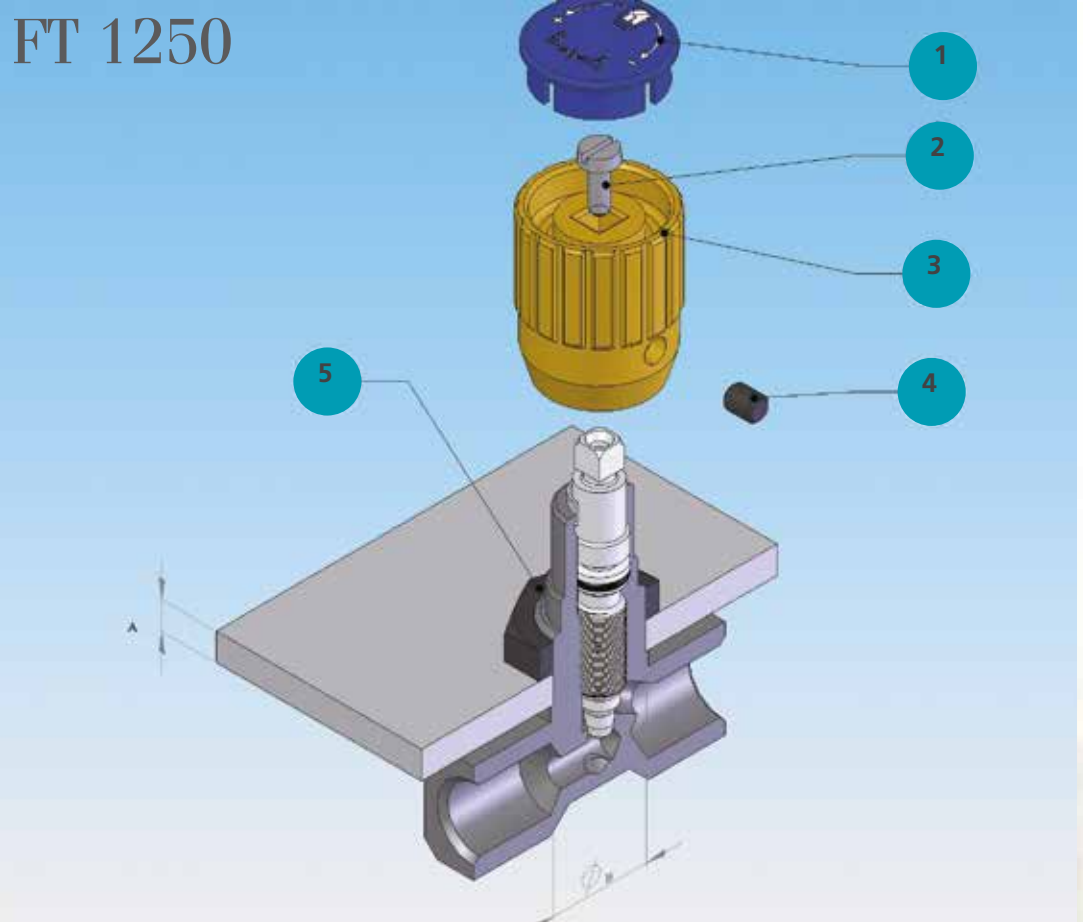


FLOW RATE CURVES



FT 1253/5





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
18	5	16
14	5	18
38	5	21
12	6	26
34	6	31

