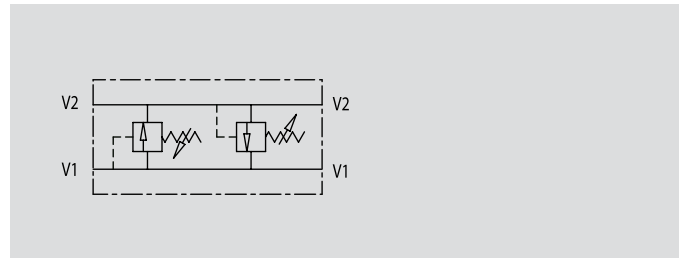


Dual Cross Relief Valves

TIPO / TYPE
VAU

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



DUAL CROSS RELIEF VALVES

USE AND OPERATION:

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well.

MATERIALS AND FEATURES:

Body: zinc-plated steel
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Poppet type: minor leakage

APPLICATIONS:

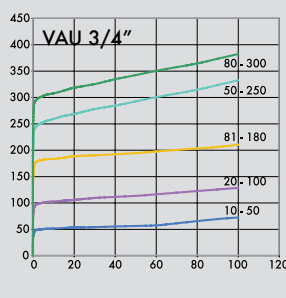
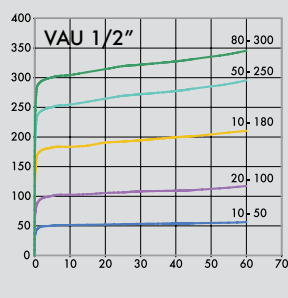
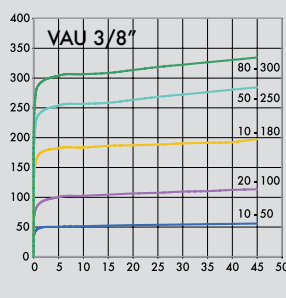
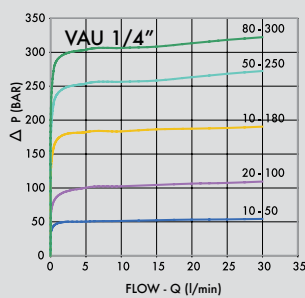
Connect V1 and V2 to the pressure flow or to the actuator/ hydraulic motor. Vice versa for the remaining ports V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

ON REQUEST

- different setting range (see the table)
- other settings available (CODE/T000 please specify the desired setting)

PRESSURE / FLOW

Oil temperature: 50° C - Oil viscosity: 30 cSt

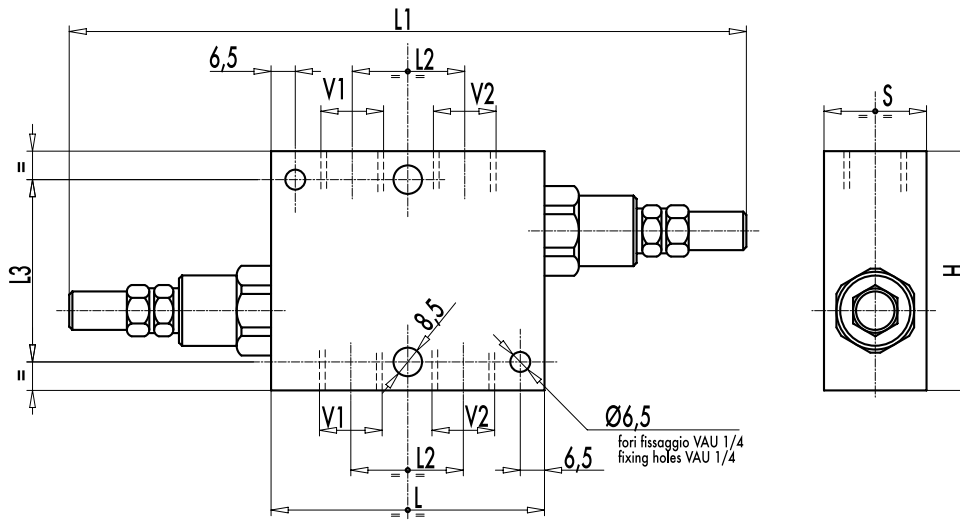


CODICE
CODE

SIGLA
TYPE

PORTATA MAX
MAX FLOW
Lt. / min

DCRV04/180	VAU 1/4"	30
DCRV06/180	VAU 3/8"	45
DCRV08/180	VAU 1/2"	70
DCRV012/180	VAU 3/4"	110



CODICE CODE	SIGLA TYPE	V1 - V2 GAS	L mm	L1 mm	L2 mm	L3 mm	H mm	s mm	PESO/ WEIGHT Kg
DCRV04/180	VAU 1/4"	G 1/4"	60	156	26	54	70	30	0,988
DCRV06/180	VAU 3/8"	G 3/8"	80	176	33	54	70	30	1,208
DCRV08/180	VAU 1/2"	G 1/2"	80	200	38	54	70	30	1,150
DCRV012/180	VAU 3/4"	G 3/4"	95	215	44	54	80	35	1,680

MOLLE - SPRINGS

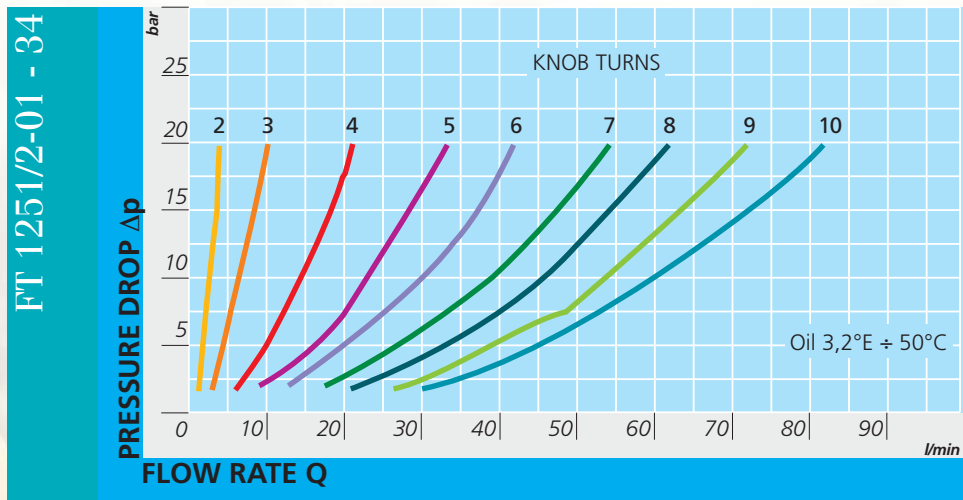
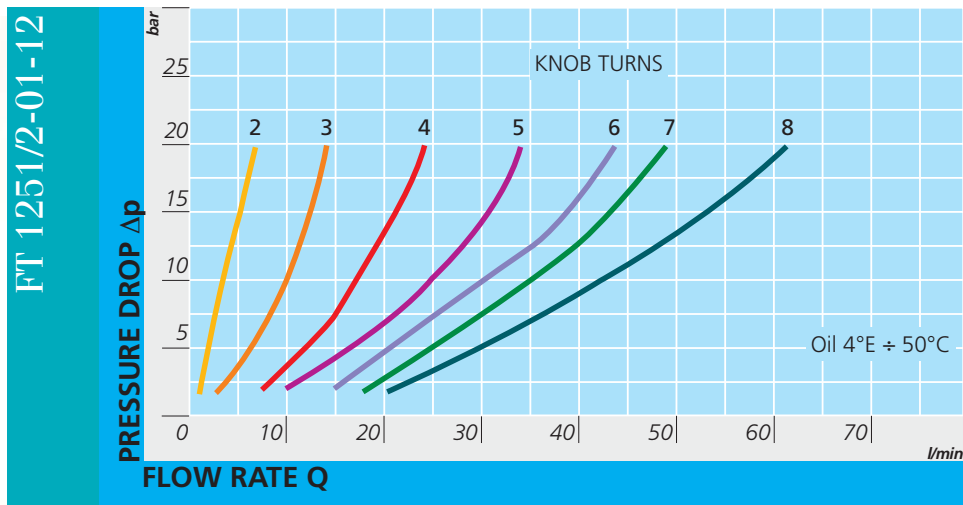
Campo di taratura Setting range (bar)	Incremento bar per riga Pressure increase (bar/turn) Q = 4l/min	Taratura standard Standard setting (bar)
10 - 50*	7	30
20 - 100	12	75
10 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150

REGOLAZIONE - ADJUSTEMENT

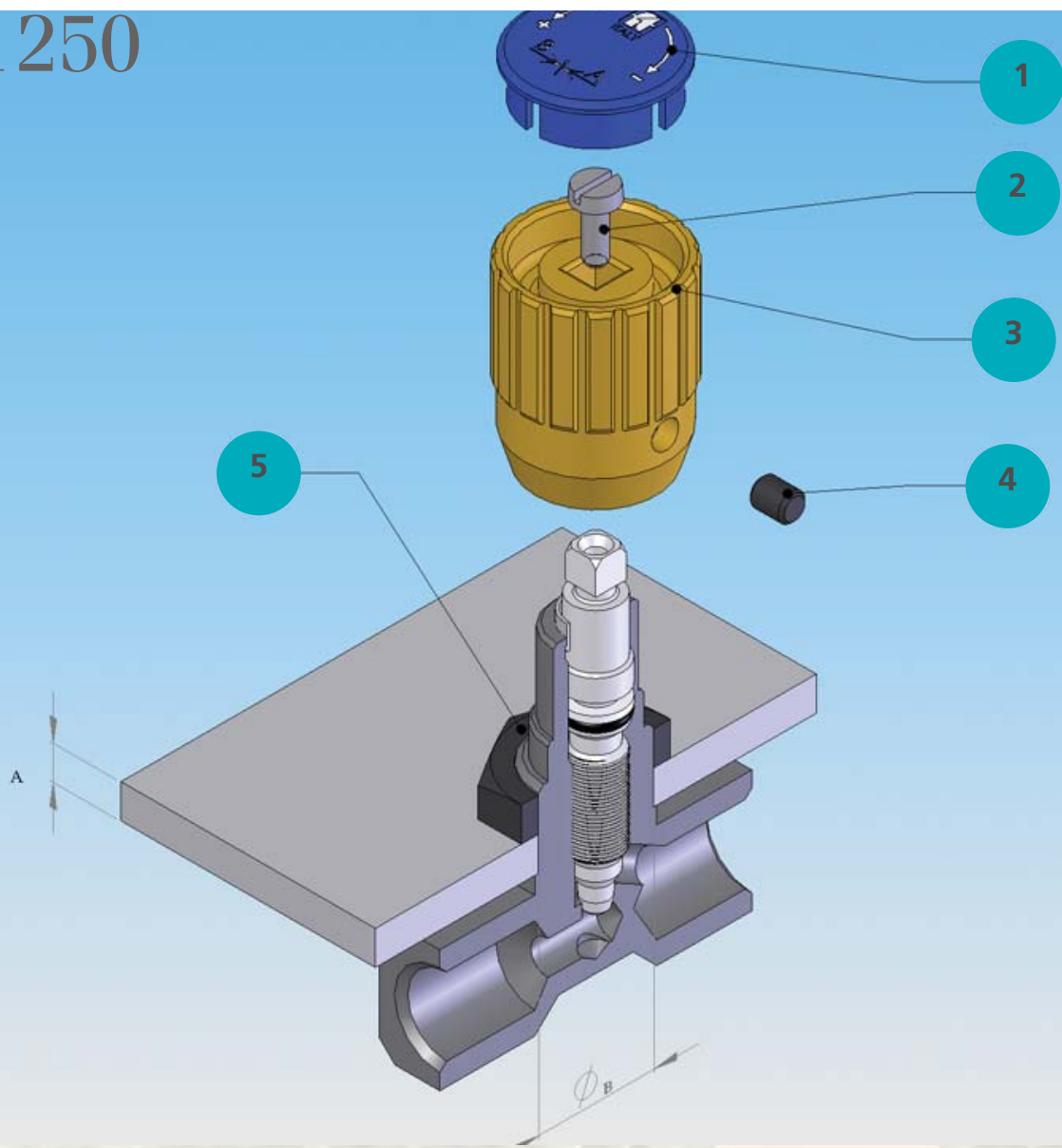
CODICE/V • CODE/V	Volantino • Handknob
CODICE/PP • CODE/PP	Predisposizione alla piombatura • Arranged for sealing cap
CODICE/P • CODE/PP	Piombatura • Sealing cap

*Per tarature inferiori a 70 Bar: Q = 12 l/min *For setting less than 70 Bar: Q = 12 l/min

Flow Rate Curves



FT 1250



Panel Mounting

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