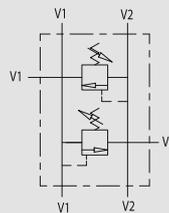


Schockventil

TYPE
VMPDI



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. The 6 ports (2 ways in and 4 ways out reversible) enable to use just 1 valves for 2 cylinders.

MATERIALS AND FEATURES:

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

APPLICATIONS:

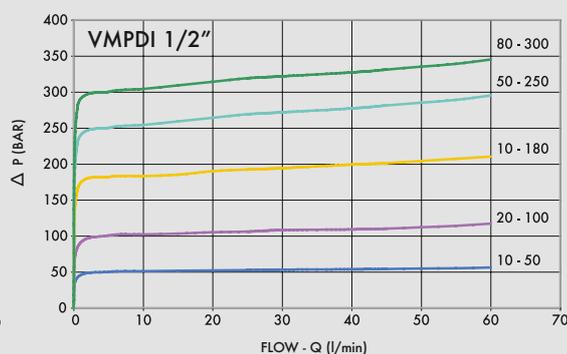
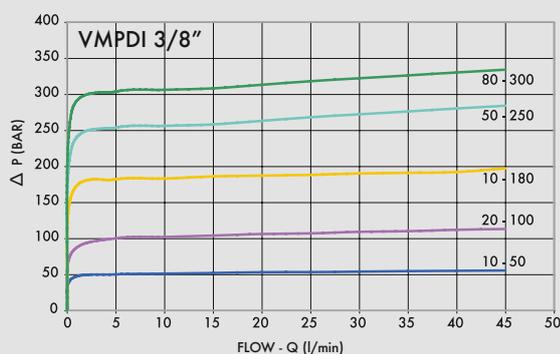
Connect V1 and V2 to the pressure flow or to the actuator/ hydraulic motor. Vice versa for the remaining ports V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

ON REQUEST

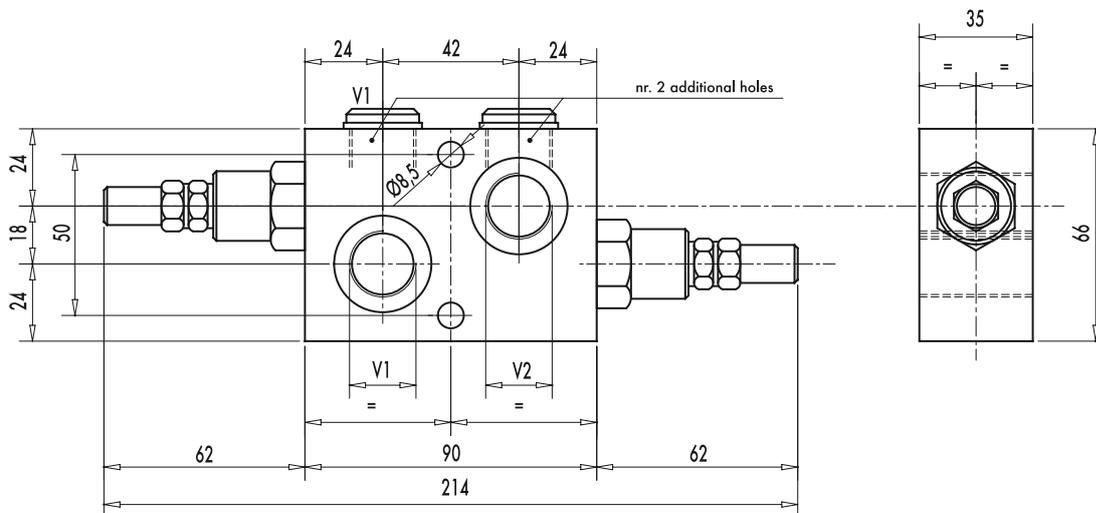
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

PRESSURE / FLOW

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



CODE	TYPE	MAX FLOW Lt. / min
V0737	VMPDI 3/8"	45
V0738	VMPDI 1/2"	70



5

CODE	TYPE	V1 - V2 GAS	WEIGHT Kg
V0737	VMPDI 3/8"	G 3/8"	1,520
V0738	VMPDI 1/2"	G 1/2"	1,490

SPRINGS

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

ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap

*For setting less than 70 Bar: Q = 12 l/min