

## Pressure-Relief Valve NG 6 ISO 4401, directly controlled



- damped piston valve
- small hysteresis
- several pressure steps
- some adjustment method

## Technical Data

### General

Symbol	please see symbol diagram
Type of valve	piston valve
Operation	electric
Mounting	4 x M5 x 50 DIN912
Connection of ports	mounting plate
Mounting positions	mountable in any positions
Ambient temperature	-5 to +50 °C
Mass valve	1.2 kg
Mass mounting plate	1.0 kg

### Hydraulic

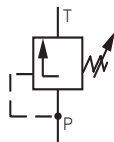
Operation pressure range	
Ports A, B	3 - 30; 5 - 60; 10 - 150 or 20 - 250
Hydraulic oil temperature	-5 to +70 °C
Viscosity range	10 to 300 mm <sup>2</sup> /s
Operating flow range	see characteristic curve

### Options

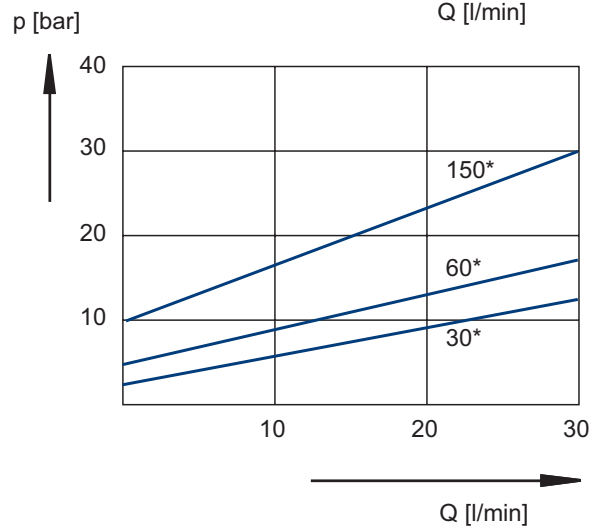
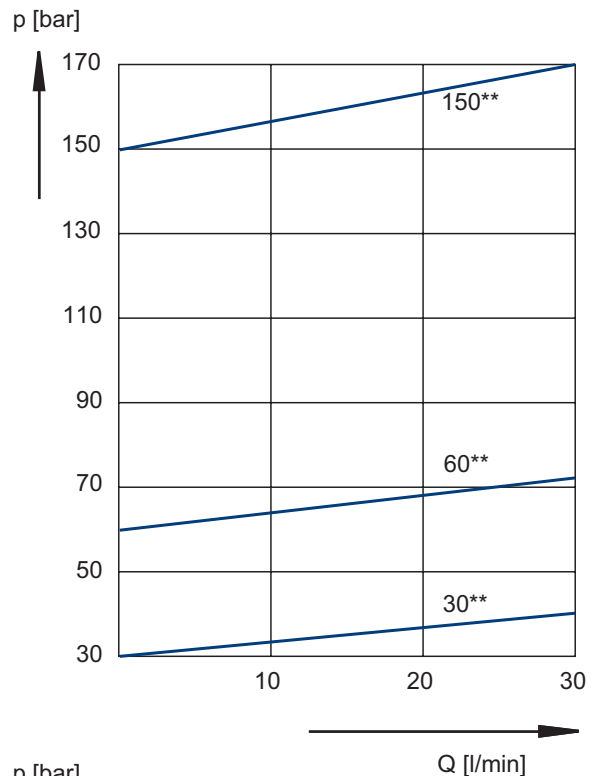
- pressure-gauge isolator valve

### Symbol

D10



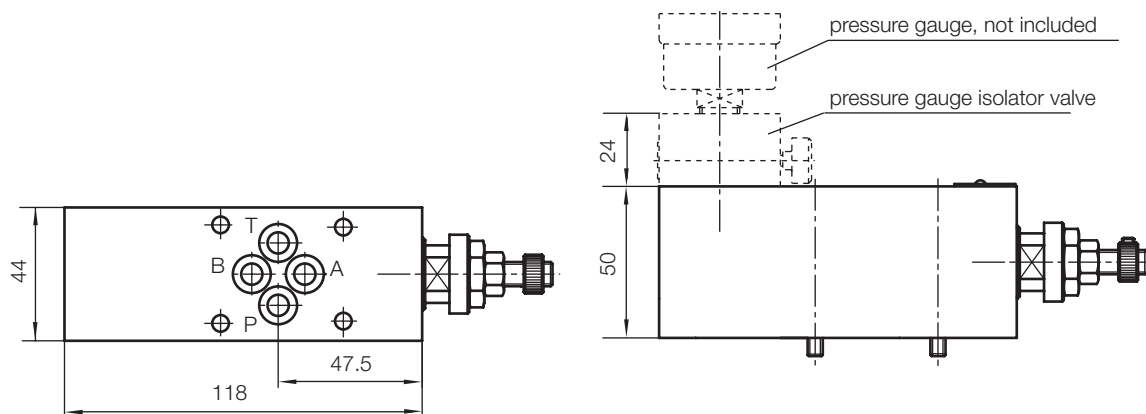
## Characteristic curve



\*min. adjustable pressure

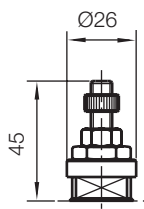
\*\*max. adjustable pressure

## Dimensional Drawing

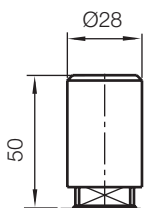


## Adjustment Methods

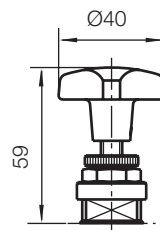
design S  
S = setting screw



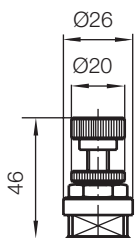
design K; P  
K = cover  
P = cover with lead seal



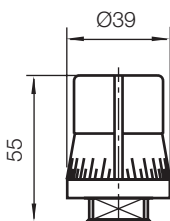
design G  
G = star knob



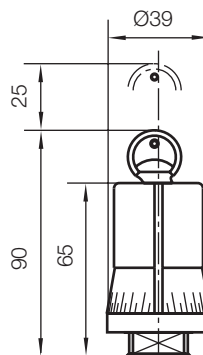
design H  
H = handwheel



design D  
D = rotary knob

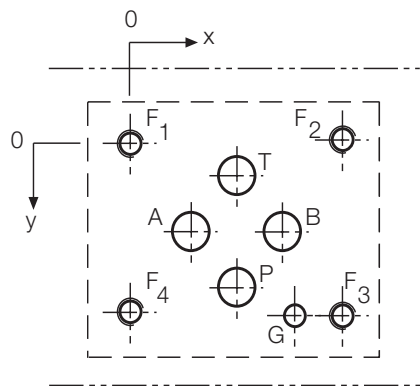


design V  
V = rotary knob and lock



all dimensions in mm

**Port Connection Pattern NG 6 ISO 4401**



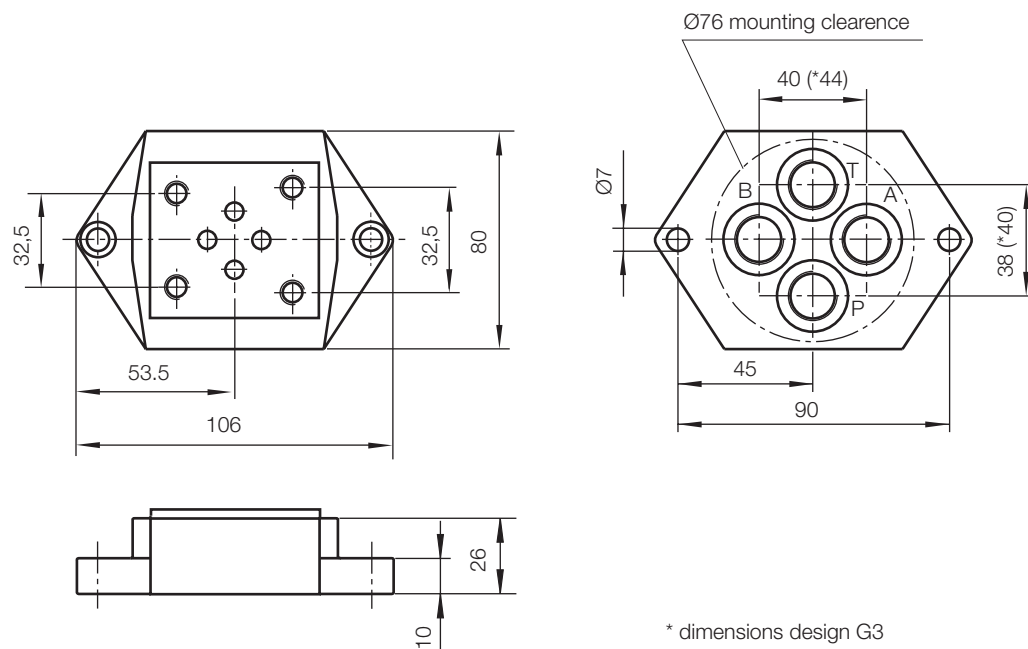
view: fastening side of mounting plate

	<b>P</b>	<b>A</b>	<b>T</b>	<b>B</b>	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>F4</b>	<b>G</b>
Ø max [mm]	7.5	7.5	7.5	7.5	-	-	-	-	4
x [mm]	21.5	12.7	21.5	30.2	0	40.5	40.5	0	33
y [mm]	9	15.5	5.1	15.5	0	-0.75	31.75	31	31.75

F: M5, thread depth min. 1.5 x Ø

G: bore hole depth min. 1.5 x Ø

**Single-Unit Mounting Plate**



\* dimensions design G3

Order number single-unit mounting plate:

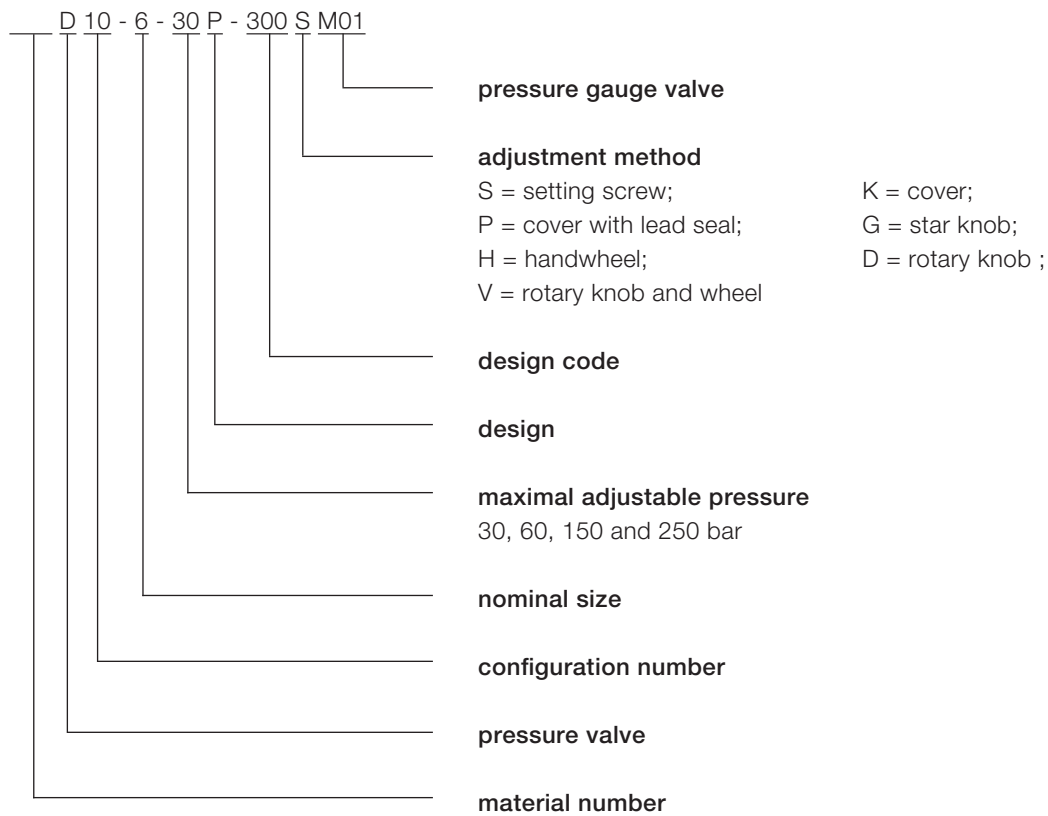
PW6-G1-400, pipe connections R1/4"

PW6-G2-400, pipe connections R3/8"

Multiple-unit mounting plate on request.

## Type Code

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