

PVR.5 / PVS.5...

PV*.5 / PV*.U.5 PRESSURE REDUCING AND SEQUENCING VALVES CETOP 5/NG10



These subplate mounting piloted type pressure reducing and sequencing valves ensure a minimum variation in their calibrated pressure value with changing flow rate.

They are normally supplied with internal piloting and internal drainage on B, but they are already provided with a hole on the front cover to allow for external drainage.

They are available with two different types of adjustment and three calibrated ranges that cover pressure 7 ÷ 250 bar, with and without check valve.

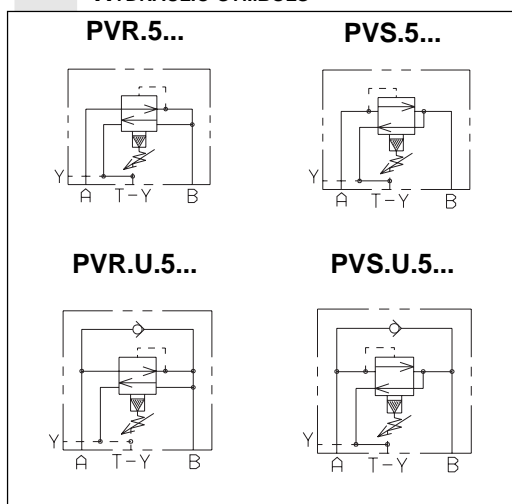
The adjustment is carried out by means of a grub screw or a metric plastic knob.

Max. pressure	320 bar
Setting ranges	Spring 1 max. 60 bar Spring 2 max. 120 bar Spring 3 max. 250 bar
Maximum allowed Δp pressure between the inlet and outlet pressure (PVR only)	150 bar
Max. flow	90 l/min
Draining on port T	0.5 ÷ 0.7 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm ² /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $R_{25} \geq 75$
Weight (without check valve)	3,8 Kg
Weight (reducing valve with check valve)	4,2 Kg
Weight (sequencing valve with check valve)	4,5 Kg

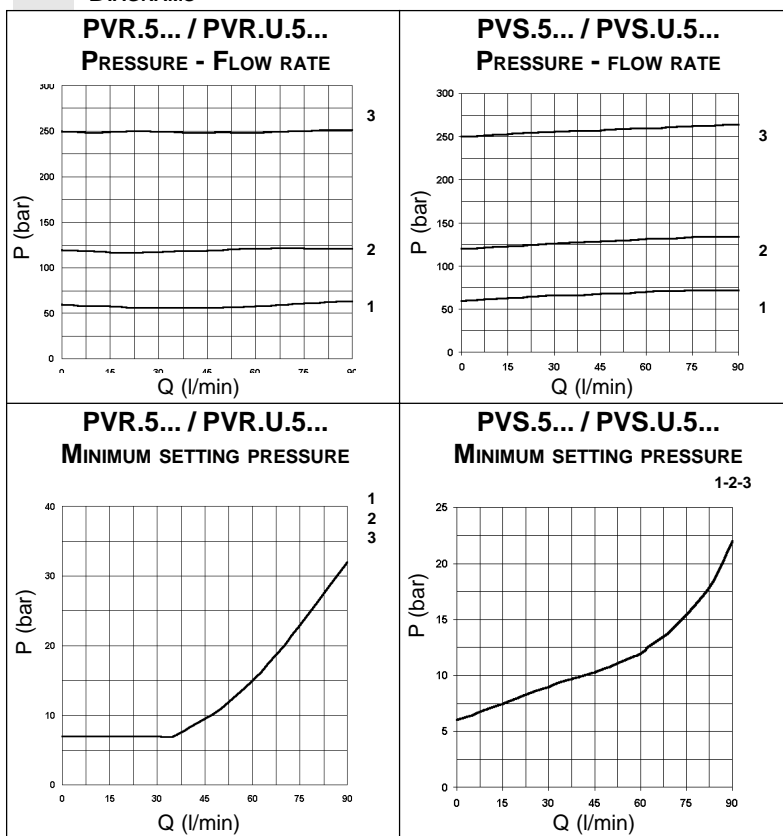
ORDERING CODE

PV*	R = Reducing valve S = Sequencing valve
U	Check valve (omit if not required)
5	CETOP 5/NG10
*	Type of adjustment: M = Plastic knob C = Grub screw
*	Setting ranges 1 = max. 60 bar (white spring) 2 = max. 120 bar (yellow spring) 3 = max. 250 bar (green spring)
**	00 = No variant V1 = Viton
1	Serial No.

HYDRAULIC SYMBOLS



DIAGRAMS



Curves n° 1 - 2 - 3 = setting ranges

The fluid used is a mineral oil with viscosity of 46 mm²/s a 40°C. The tests were carried out at a fluid temperature of 50°C.

