

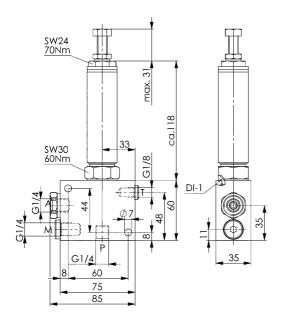
No. 6917R

Pressure control seat valve

for pipe fitting G1/4, max. operating pressure 500 bar, min. operating pressure 40 bar.







Order no.	Article no.	Input pressure at P max. [bar]	pressure at A	Adjust. pressure at A max. [bar]	Q [l/min]	Seal	Return line press. at T [bar]	Weight
326405	6917R-5-130	500	8	130	5	407205	≤ 20	1860
326421	6917R-5-380	500	30	380	5	407205	≤ 20	1860

Design:

Leak-oil-free 3-way pressure regulating valve as piping valve in seat design, directly actuated.

With additional oversteer compensation (integrated pressure-limitation function).

The valve mainly consists of three parts:

the valve accommodating body with the P, T and A connections in G 1/4, the clamp-in valve with inlet

filtering and the additional filter element in the A-channel.

P is the inlet and A is the outlet of the valve. T is the tank connection and must be discharged to the tank separately or in a common line.

Application:

The pressure regulating valve is normally open.

With changing, higher input pressure, it maintains the output pressure largely constant. As soon as the set pressure is reached at the consumer, the valve closes and is leak-proof.

If the pressure between the valve output and the consumer rises above the set overload value, the excess pressure is reduced over the third connection (T-connection).

The valve can be used in front of a directional control valve in the P-channel or behind a directional control valve in the A and/or B-channel.

Features:

The controlled pressure and overload pressure are set simultaneously with an adjusting screw. The overload pressure is always about 10 bar above the regulation pressure.

Protection against outside force and puncturing of the valve.

The valve flow regulates P to A.

The inlet P and outlet A are each protected against coarse contamination by a filter element with the nominal filter mesh of 100 μm .

The pressure regulating function is avoided in the opposite direction (from A to P).

Pressure is adjusted with an adjusting screw.

To set and read the pressure, a pressure display device must be installed at the valve outlet. The pressure setting can be sealed.

Note:

Observe mounting instructions.

Replacement part: filter insert, Order No. 326678

