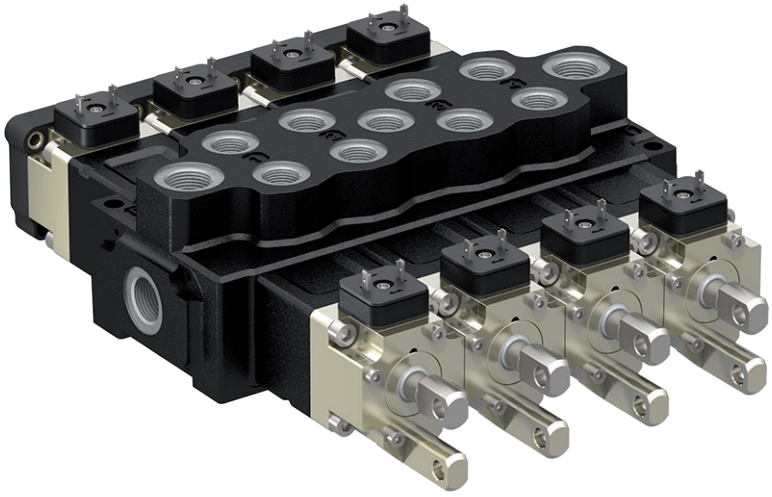


Valve Pv98 small and robust

A small and tough monoblock valve that copes with the most.

A constant pressure valve that can be used in wide range of applications.

Performance

Valve Pv98 is mostly used in functions that do not require load sensing and pressure compensation. Valve Pv98 can easily be connected with other valves in the product range and is dimensioned for a pump flow of max. 100 l/min and 50 l/min per section. Max. pump pressure: 45 MPa (450 bar)

Valve sizes

The Pv98 valve is available in 2-, and 4- sections valve blocks, manually or electrically controlled.

Valve spools

The Pv98 valves basically good control characteristics can be further enhanced by the right choice of valve spool. The flow and control grooves can be combined in different ways depending on the application to achieve the desired function.

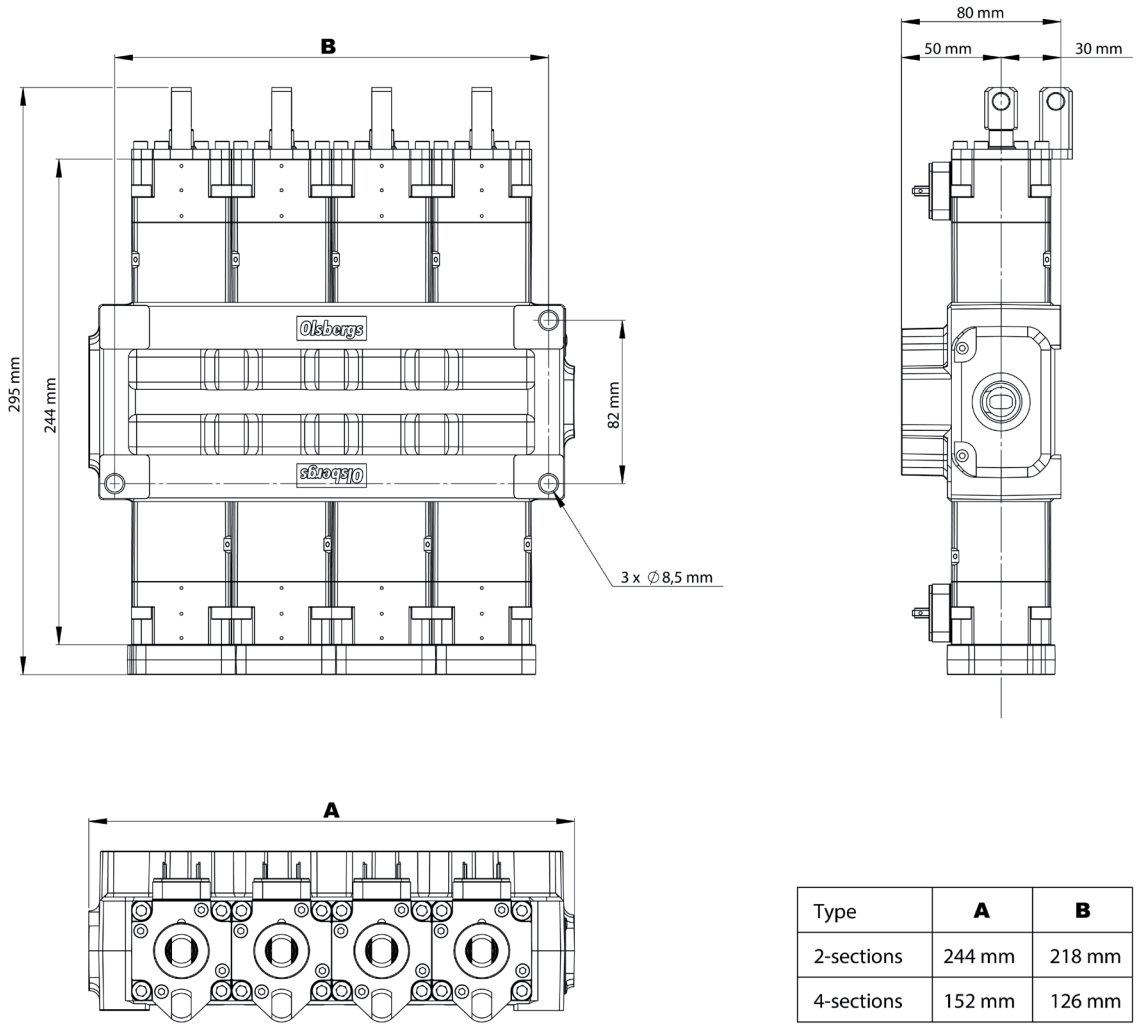
Patented mechanical spool position control

The electrically operated version of the Pv98 valve is controlled by electro hydraulic actuators, Olsbergs positioners P8. By using magnetic force together with a servo with mechanical position feedback, the position of the spool is controlled in direct proportion to the current supplied to the solenoid in the positioner. This results in a direct link between the control current and spool position. A link that is independent of fluid forces.

Remote control

Valve Pv98 can be remotely controlled via radio controller or digital joysticks.

Dimensions:



Type	A	B
2-sections	244 mm	218 mm
4-sections	152 mm	126 mm

Technical data:

Valve function:	Constant pressure valve
Type:	”Closed center”
Design:	Monoblock valve 2- or 4-section
Connections:	Pump G1/2”, Tank G1/2”, Cylinder ports G3/8”
Flow total:	Max. 100 l/min.
Flow cylinder port:	Max. 50 l/min.
Max. pump pressure:	45,0 MPa (450 bar)

Olsbergs Hydraulics AB
Box 17
SE-575 21 Eksjö
Sweden
Phone: +46 (0)381 150 75
E-mail: hydraulics@olsbergs.se

Olsbergs Electronics AB
Box 267
SE-186 24 Vallentuna
Sweden
Phone: +46 (0)8 511 858 50
E-mail: electronics@olsbergs.se