

## Intelligent inlet sections for smarter hydraulic systems

### Modular inlet section for flexible and easy installation

The inlet sections are modular and are available in three different models, J, VF and VFU. All three are connectable to valve Q200 and valve Q300.

The inlet sections have connection ports for pump, tank, signal and servo pressure. In addition there are ports where pump pressure, tank pressure and servo pressure can be measured.

J is the simplest inlet module and is used only as connection unit.

### Easy modification between fixed and variable pumps.

The inlet sections VF and VFU are used for both variable and fixed pump. Depending on type of pump the inlet section is modified very easily. By changing the plug, piston, spring and spring house in one of the bores the modification is done.

The inlet section has integrated functions that minimizes the pressure shocks in the hydraulic system.

### Pressure compensated flow

The inlet section VFU is designed for being able to provide pressure compensated flow to e.g. a valve controlling outriggers.

This means that the flow to the outriggers is coming from the inlet section instead of the main valve. The solution makes it possible to control an additional proportional function from the main valve or alternatively choose a valve with one section less.

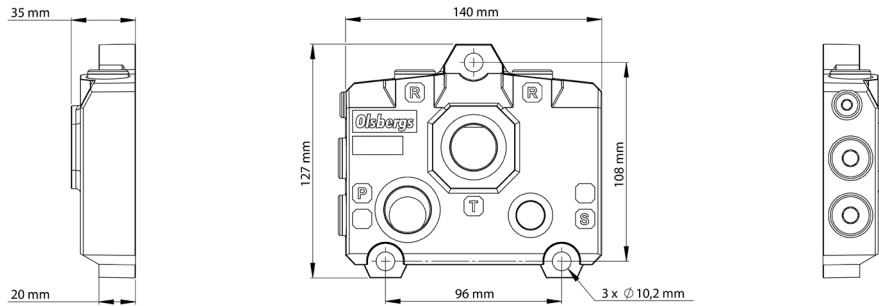
As a security feature the main valve is automatically inhibited when the outrigger port is activated.

### High quality castings

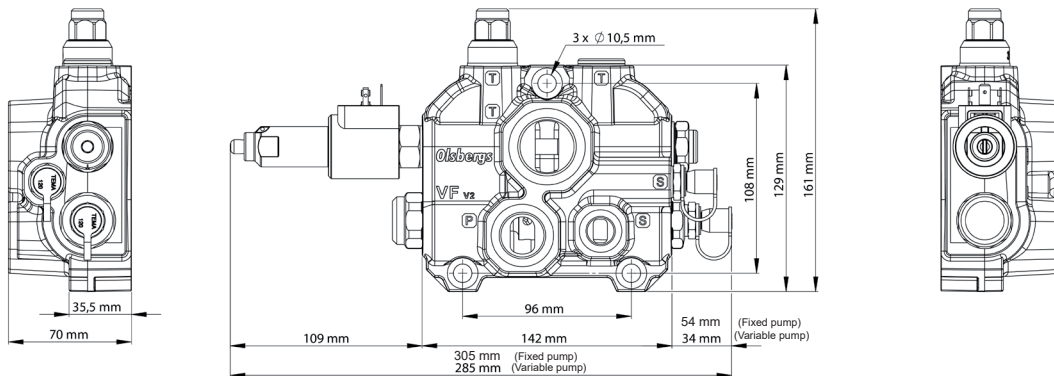
The inlet sections are made in high quality monoblock castings that withstand high pressure and great strains. They are processed with very high accuracy in order to fit together with the rest of Olsbergs hydraulics and to secure the excellent control properties of the total system, fast and smoothly with high precision.

## Dimensions:

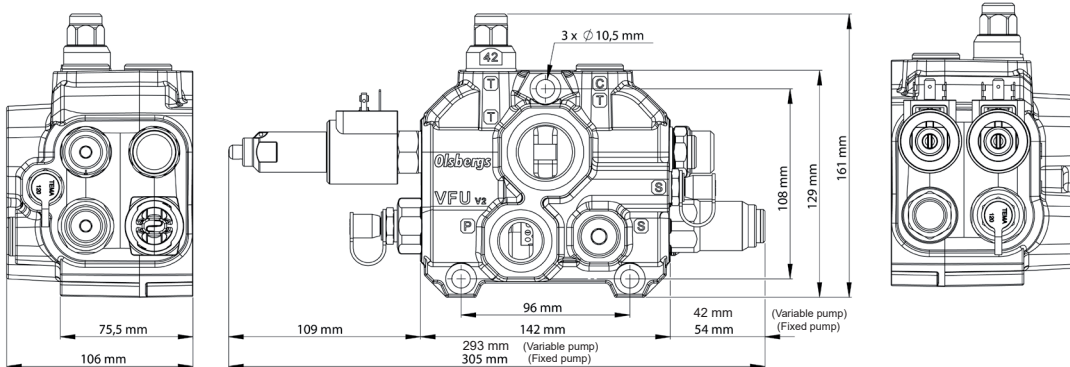
### Inlet section J



### Inlet section VF



### Inlet section VFU



## Technical data:

Type:	Inlet section
Connections J:	Tank G3/4" G3/8", Pump G3/4" G3/8", Signal G3/8", Reduced G3/8" G1/8"
Connections VF:	Tank G1" G1/2", Pump G3/4", Signal G3/8"
Connections VFU:	Tank G1" G1/2", Pump G3/4", Signal G3/8", Constant flow output G1/2"

Max. pump pressure: 45,0 MPa (450 bar)

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