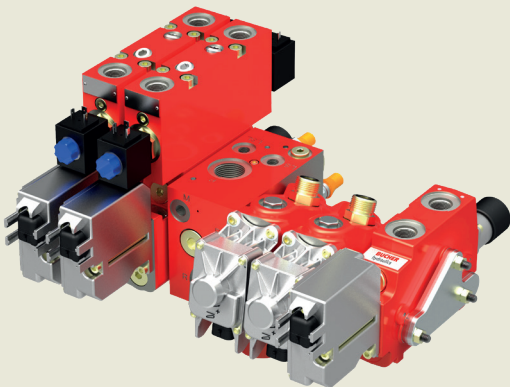


Supplier and development partner

Working Hydraulics for Tractors

Electrical digital / on board electronic (OBE)



Features

- Reliable CAN actuator technology (stepper motor)
- Mechanical maximum flow-rate adjustment
- Hydromechanical seat valves
- Float position
- Various detent functions in mechanically operated valves
- Sectional valves available with primary or secondary compensator

Advantages directional valve sections

- Maximum flexibility of the control due to mechanical, electrical (ON/OFF), and electromechanical (CAN actuator) directional valve sections
- No additional priority valve is required due to combinable directional valve sections with primary or secondary compensator

Advantages hitch control valve

- The zero overlap of the two seat-valve poppets provides fast-acting and responsive operation
- Fast and responsive lowering even with small loads
- Unaffected by pressure fluctuations

Advantages CAN actuator technology (stepper motor)

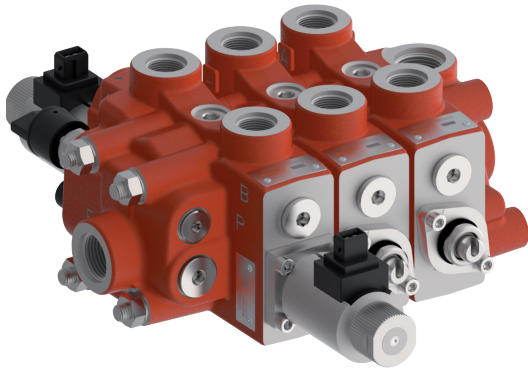
- No additional hydraulic energy is required to hold the valve securely in its operating position
- Various diagnostic options due to on board electronic (OBE)
- Constant oil supply of the actuators by systematic separation of the control from the working pressure

Technical data

Max. volume flow rate	Max. inlet pressure	Max. work port pressure	Max. tank line pressure	Viscosity range
160 l/min	250 bar	250 bar	40 bar	7... 40 000 mm ² /s



Electric analogue / magnetic



Features

- Mechanical or electrical control (ON/OFF – 60 l/min)
- Various detent functions in mechanically operated valves
- Throttle control valves
- Integrated secondary valves
- Integrated “no drop before lift” function
- Flow control function to prioritize the inlet section

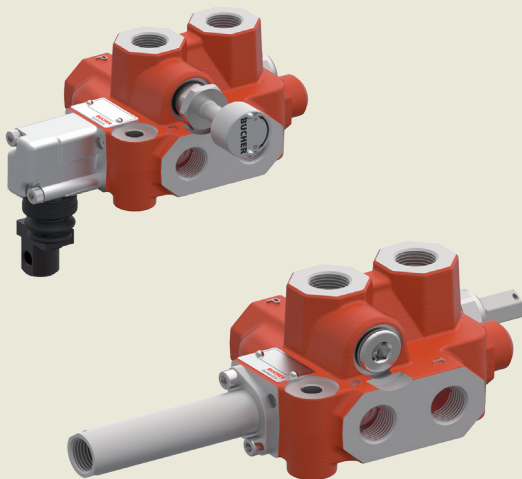
Advantages

- Modular customizable system, developed particularly for tractors
- Functions are easy and upgradable
- Safe and reliable
- Maximum functionality in a very small space
- Low internal leakage

Technical data

Max. volume flow rate	Max. inlet pressure	Max. work port pressure	Max. tank line pressure	Viscosity range
80 l/min	210 bar	210 bar	20 bar	5 ... 20 000 mm ² /s

Mechanical / manual



Features

- Various mechanical controls
- Parallel or serial connection
- Throttle control valves
- Optional pressure carry-over
- Integrated “no drop before lift” function

Advantages

- Especially suitable for use in applications with small installation dimensions
- Low service and maintenance requirements
- Sensitive lifting and lowering

Technical data

Max. volume flow rate	Max. inlet pressure	Max. work port pressure	Max. tank line pressure	Viscosity range
45 l/min	250 bar	250 bar	30 bar	5 ... 20 000 mm ² /s