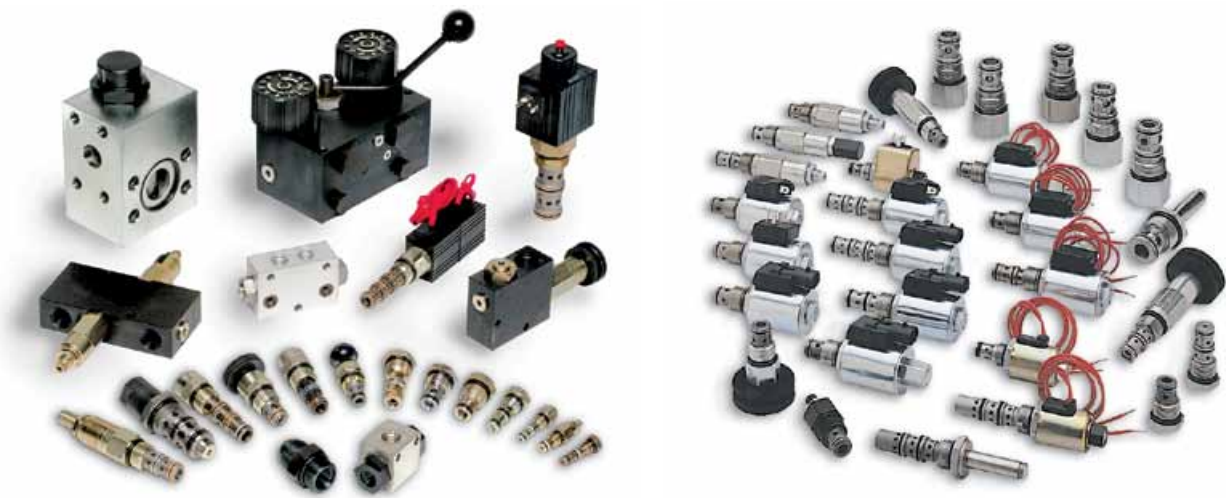


# Auxiliary Valves - Threaded Cartridge Valves



## Directional Control Valves

Valve Type	Max Working Pressure (bar)	Flow Capacity (l/min)
Manual valves	240	50
Manual three-way valves	240	25
Manual four-way valves	240	8
Pilot operated valves	240	40
Solenoid, poppet-type, two-way valves	345	265
Solenoid, poppet-type, bi-directional valves	345	20
Solenoid, spool-type, two-way valves	345	75
Solenoid, spool-type, three-way valves	345	65
Solenoid, spool-type, four-way valves	345	30
Double solenoid, spool-type, four-way valves	345	25

## Proportional Control Valves

Valve Type	Max Working Pressure (bar)	Flow Capacity (l/min)
Solenoid operated, two-way NC or NO proportional flow control valves	207	226
Solenoid operated, two-way NO, proportional pressure control valves	207	150
Solenoid operated, two-way NC throttle valves	207	20
Solenoid operated, proportional pressure reducing valves	207	40
Solenoid operated, three-way, proportional pressure control valves	207	11

# Auxiliary Valves - Threaded Cartridge Valves

## Load Holding Valves

Valve Type	Max Working Pressure (bar)	Flow Capacity (l/min)
Counterbalance valves	345	0-750
Check valves	345	0-375
Soft seat check valves	207	0-60
Vent-to-open check valves	240	0-225
Pilot-to-close check valves	240	0-150
Single pilot operated check valves	207	0-190
Double pilot operated check valves	207	0-190
Shuttle valves	240	0-25

## Pressure Control Valves

Valve Type	Max Working Pressure (bar)	Max Setting Pressure (bar)	Flow Capacity (l/min)
Direct acting relief valves	345	345	0-150
Cross-over relief valves	240	240	0-75
Dual relief with anti-cavitation checks	345	345	0-60
Pilot operated relief valves	345	345	0-375
Pressure sensing valves	345		0-190
Reducing/relieving valves	345	345	0-150
Direct acting pressure reducing valves	345	345	0-60
Pressure reducing valves	345	345	0-60
Pressure reducing spools	345		0-19
Sequence valves	345	345	0-150
Unloading relief valves	240	207	0-6
Logic elements	250	250	0-19
Thermal relief	250	250	0-30

## Flow Control Valves

Valve Type	Max Working Pressure (bar)	Max Flow Setting (l/min)	Flow Capacity (l/min)
Needle valves	240		0-190
Rotary adjust needle valves	240		0-60
Flow divider/combiner valves	207		0-45
Pilot control flow control valves	207		0-60
Flow control valves	240		0-45
Restrictive-type, pressure compensated valves	240		0-150
Priority-type, pressure compensated valves	240	0-40	0-60
Restrictive-type, pressure compensated flow regulator valves	240		0-60
Priority-type, pressure compensated flow regulator valves	240	0-35	0-60
Priority-type, pressure compensated flow regulator with relief	240	0-35	0-60
Velocity fuses	207		0-30

# Auxiliary Valves

## Threaded Cartridge Valves



Directly controlled pressure relief valves with anti-cavitation function. The valves have good pressure characteristics together with very short reaction times. They are compact, tight, reliable and not sensitive to contamination.

Valve Type	Max Working Pressure bar	Max Setting Pressure bar	Flow Capacity l/min
Pressure relief valves	600	25-550	0-350

## Auxiliary Valves



Parker's stackable selector valve is operated by a wet pin solenoid. The valve is capable of switching from one circuit to another at a variety of flows and pressures. If more than two circuits are to be controlled then additional units can be stacked together. Alternatively, the valve can be connected to a pump and used to direct the flow to either one of two different circuits.

- Stackable
- Reduce pipe work
- Reduce number of fittings
- Reduce number of directional control valves spool sections

The pressure reducing valve is of three-way design.

- Compact
- Easy to adjust
- Factory set and sealed

The sequence valve is designed to open or close a hydraulic pilot signal when it reaches a predetermined pressure level.

- Compact
- Several pressure ranges available
- Can be factory set and sealed

The shuttle valve enables two signal flows in a hydraulic system to be directed alternately into a common service line. The flow with the highest pressure takes priority.

- Small dimensions
- Rapid switching
- Negative overlapping
- Reacts on very small flows
- Minimal leakage

Valve Type	Max Working Pressure bar	Flow Capacity l/min
Stackable, 2-position, 4-way, solenoid operated, circuit selector control valves	210	40
Pressure reducer valve	250	25
Sequence valve	250	25
Shuttle valve	250	20