



Check valves offer optional bias springs and flow capacities up to 380 lpm (100 gpm). Pilot-operated check valves are available for flows up to 95 lpm (25 gpm).

Lock valves with thermal reliefs and sealed pistons are available for flows up to 30 lpm (8 gpm).

Load shuttle check valves offer flows up to 30 lpm (8 gpm).

Low biased (hot oil) shuttle valves are available for flows up to 132 lpm (35 gpm). Models are available with or without spring-centered spool.

Spool-type and poppet-type logic elements offer multiple function with a wide range of application potential, from controlling the rate of shift, to low pressure drop. Models are available for flows up to 280 lpm (74 gpm).

Pilot-operated spool-type directional control valves offer a wide variety of flow path configurations. A simple two-position two-way valve to a three-position four-way valve can be activated by a remote pilot signal. Models are available for flows up to 265 lpm (70 gpm). PE series valves offer proportional control when the pilot signal pressure is controlled. Operating pressure can be up to 240 bar (3500 psi)

Manual spring-return directional valves feature poppet or spool construction with optional rotational lock position. Models are available for flows up to 57 lpm (15 gpm).

Manual rotary directional valves with multiple spool options feature low manual effort under high pressure loads.

Spring-applied brake release valves are available in two versions.

Hall-effect spool position sensors are available on PD series valves.

- Check valves for blocking or load holding.
- Pilot operated valves for remote actuation.
- Logic elements for multi-function applications.
- Manual spring-return or pressure actuated models.
- Pilot-operated valves for control of spool shift rate.
- Proportional directional control valves offer excellent metering characteristics.
- Operating pressures to 240 bar (3500 psi).
- Hardened precision poppets, spools and cages for long life and low leakage.
- Industry common cavities—compact sizes.
- Can be used to create innovative circuitry options.
- Manual rotary valve handles, knob kits available in friction lock or detent.