



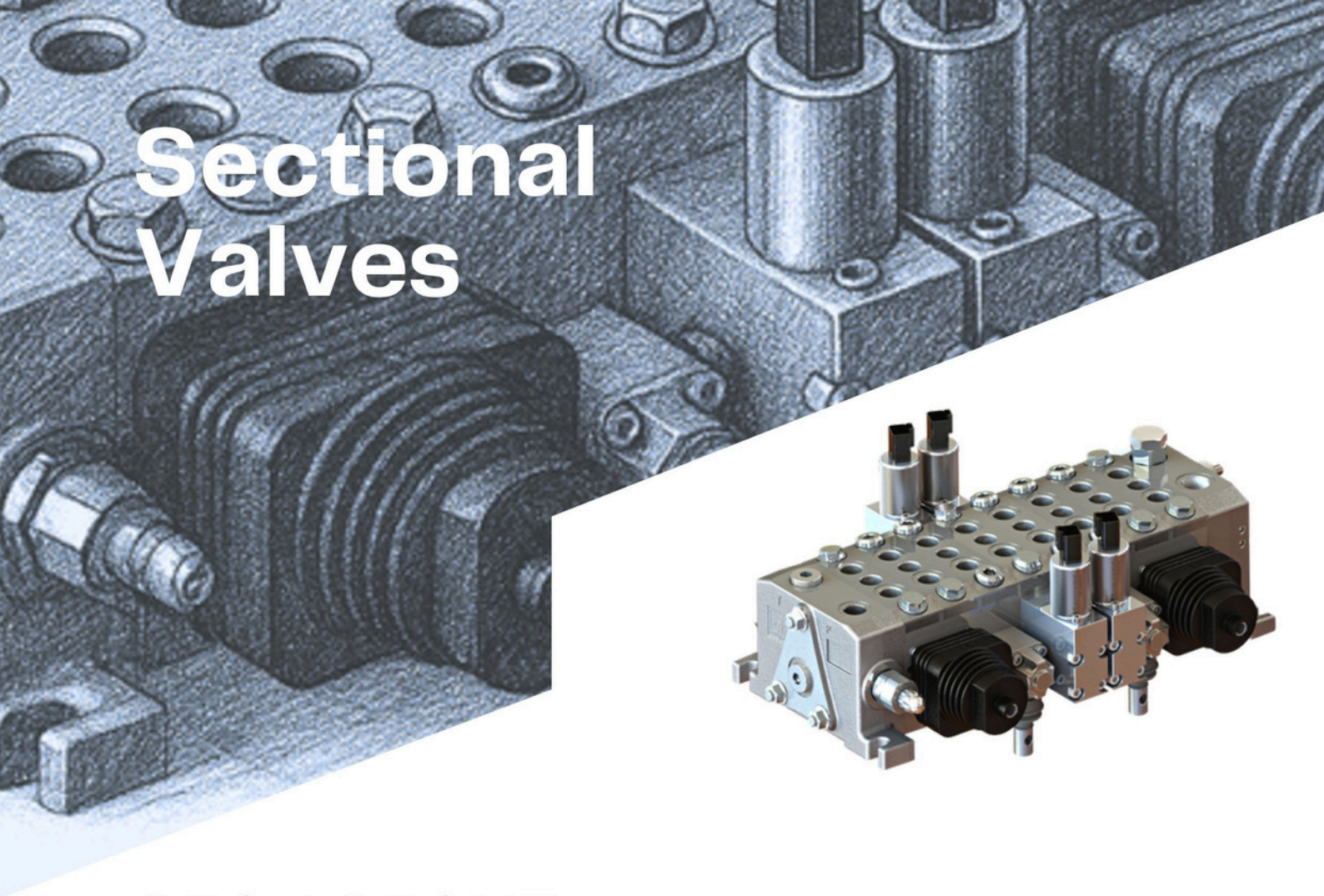
**Sectional
Valves**

Sectional Directional Control Valve Range

Sectional Valves 40 - 150 lt/min

Designed for flexibility and high performance, our sectional directional control valves manage flows up to 150 L/min and pressures reaching 350 bar. Their modular construction allows multiple working sections to be combined in open-center or closed-center circuits, ensuring precise control across complex mobile hydraulic systems.

Sectional Valves



S50 / S50HF

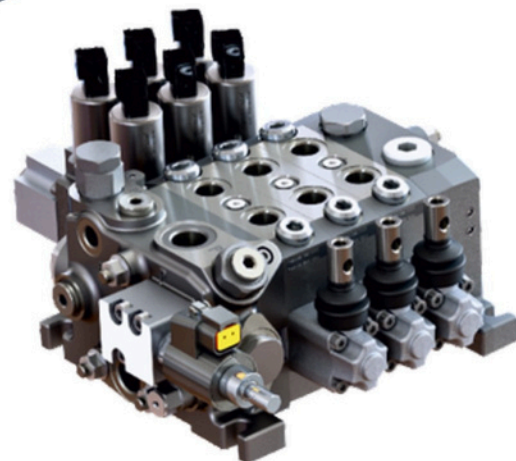
The S50 is a compact sectional directional control valve developed for mobile hydraulic systems requiring efficient flow management in limited installation spaces. Offered in two versions S50 - standard model rated up to 50 L/min and an enhanced version S50HF - capable of reaching 60 L/min. The valve delivers smooth and reliable control for multiple functions. S50 provides flexibility and performance suitable for a wide range of compact machinery applications.

Key Features

- Compact monoblock construction suitable for installations with limited space
- Symmetrical design enables easy configuration and use
- Integrated main pressure relief valve and load check valves in each section
- Unloading valve option for higher efficiency and safety
- Wide range of antishock & anticavitation valves
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic proportional, solenoid
- Manual lever, remote cable control and mechanical joystick
- Ideal for compact mobile machinery, agricultural equipment, municipal machinery, requiring efficient control in space-restricted systems

Flow Rate	Number of Sections	Port Threads
50 L/min – 70 L/min 13 US gpm – 18 US gpm	1 – 12	BSP G3/8" – BSP G1/2" UNF 3/4-16 (SAE 8) – UNF 7/8-14 (SAE 10)

Sectional Valves



LS50

The LS50 is the load-sensing version of S50 series, designed to provide precise flow control and improved system efficiency. By regulating pump delivery according to demand, it ensures smoother multi-function operation and reduced energy losses compared to conventional open-centre systems. The LS50 can be combined in hybrid configurations with SPV120 or SPX80 valves, offering cost-effective load-sensing architecture for both simple and advanced applications.

Key Features

- Maximum flow up to 60 L/min
- Integrated, adjustable main relief valve, load hold check valves in each section
- Inlet options for fixed and variable displacement pumps
- Load-sensing architecture for efficient and demand-based flow control
- Wide range of antishock & anticavitation valves
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic proportional, solenoid
- Manual lever, remote cable control and mechanical joystick
- Ideal for compact mobile machinery, agricultural equipment, municipal machinery, requiring efficient control in space-restricted systems

Flow Rate	Number of Sections	Port Threads
5 – 40 L/min 1 US gpm – 11 US gpm	1 – 12	BSP G3/8" UNF 3/4-16 (SAE 8)

Sectional Valves



KV17

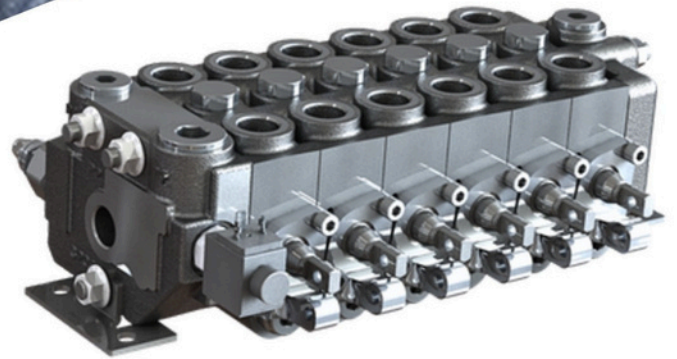
The KV17 is a sectional directional control valve designed for mobile hydraulic systems requiring a scalable multi-section architecture. It supports nominal flow up to 80 L/min and working pressure up to 315 bar, and can be configured from 1 to 12 sections for complex hydraulic circuits.

Key Features

- Nominal flow 80 L/min, maximum 90 L/min and maximum pressure rating of 315 bar
- Available in Open-Centre in standard
- Parallel circuit as standard; series and tandem on demand
- Integrated main relief valve, with load hold check valves
- Wide range of interchangeable spool types
- Wide range of antishock & anticavitation valves
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic on-off, electro-hydraulic proportional
- Suitable for multi-function machinery requiring precise and reliable directional control

Flow Rate	Number of Sections	Port Threads
80 L/min 21 US gpm	1 - 12	BSP G1/2" - BSP G3/4" UNF 7/8-14 (SAE 10) - UNF 1 1/16-12 (SAE 12)

Sectional Valves



KV19

The KV19 is a high-flow sectional directional control valve designed for mobile hydraulic systems operating under aggressive duty cycles and requiring fast, accurate response. With a nominal flow capacity of 110 L/min and peak capability of 120 L/min, together with a 315-bar pressure rating, KV19 is suitable for equipment demanding rapid metering and dynamic control performance.

Key Features

- Nominal flow 110 L/min, maximum 130 L/min for peak demand conditions
- Maximum working pressure 315 bar suitable for heavy-duty mobile hydraulic circuits
- Special metering spool options available for fast reaction and precise flow control under aggressive operation
- Parallel circuit standard
- Integrated main relief valve and load hold check valves
- Wide range of spools
- Wide range of antishock & anticavitation valves
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic on-off, electro-hydraulic proportional
- Suitable for equipment requiring fast cycle times and accurate flow modulation

Flow Rate	Number of Sections	Port Threads
110 L/min 30 US gpm	1 - 12	BSP G3/4" UNF 11/16-12 (SAE 12)

Sectional Valves



KV20

The KV20 is engineered for heavy-duty mobile hydraulic systems requiring accurate control of multiple high-flow functions. Metering spools and modular sectional design ensure reliable multi-function operation under continuous and demanding duty cycles. Configurable with multiple sections for complex hydraulic circuits, the KV20 provides stable performance, fast response and consistent control under high load conditions.

Key Features

- Nominal flow 150 L/min, maximum 180 L/min and maximum pressure rating of 315 bar
- Parallel circuit as standard; series and tandem on demand
- Integrated main relief valve, with load hold check valves
- Wide range of interchangeable spool types
- Wide range of antishock & anticavitation valves
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic on-off
- This versatile sectional valve is ideal for backhoe loaders, wheel loaders, garbage trucks, hook and skip loaders, drilling machines requiring stable, reliable multi-function control under demanding duty cycles

Flow Rate	Number of Sections	Port Threads
150 L/min 40 US gpm	1 - 12	BSP G3/4" - BSP G1" UNF 1 1/16-12 (SAE 12) - UNF 1 6/16-12 (SAE 16)



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