



Monoblock Valves

Monoblock Directional Control Valve Range

Monoblock Valves 35 - 120 lt/min

Engineered for precision and long-term reliability, our monoblock directional control valves deliver flow rates from 35 to 120 L/min and withstand pressures up to 315 bar. Available for both open-center and closed-center systems, their solid cast-iron body minimizes internal leakage, while multiple spool and control configurations enable optimal performance in mobile hydraulic applications.

Monoblock Valves



KVM05

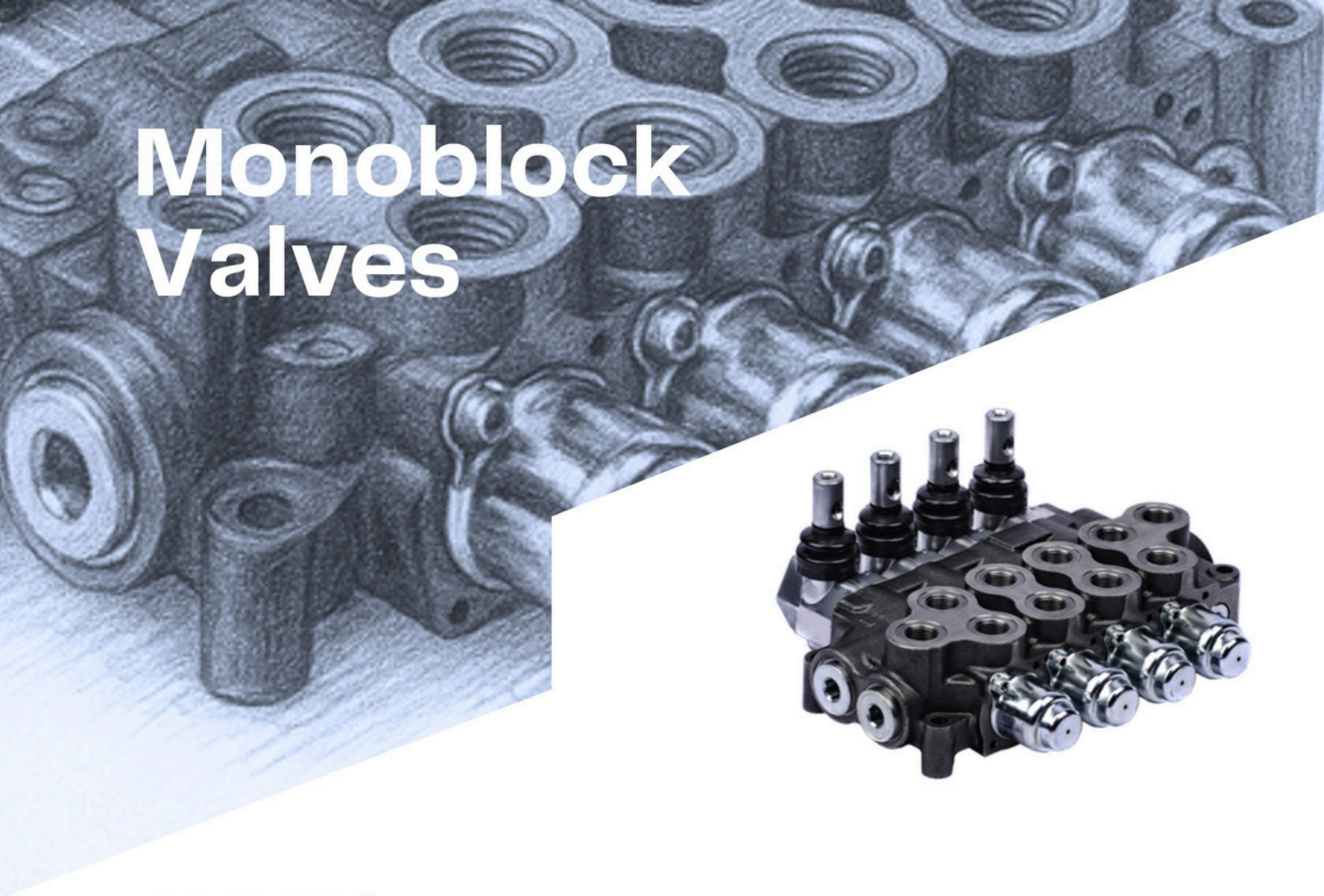
The KVM05 is a compact, single-section monoblock directional control valve designed for reliability and versatility. Its durable cast-iron body and high-precision spool design ensure smooth, efficient control of hydraulic actuators in mobile and industrial applications. With an integrated main relief valve and multiple spool configurations, KVM05 offers optimal performance and flexibility in compact hydraulic circuits.

Key Features

- Compact, single-section design for limited installation spaces
- Integrated, adjustable main relief valve
- Without check valve
- Parallel circuit standard configuration
- Multiple spool and positioner options
- Manual lever and remote cable control
- Ideal for wood splitters, agricultural machinery, industrial presses and power packs

Flow Rate	Number of Sections	Port Threads
35 L/min 10 US gpm	1	BSP G3/8" UNF 3/4-16 (SAE 8)

Monoblock Valves



AMV50

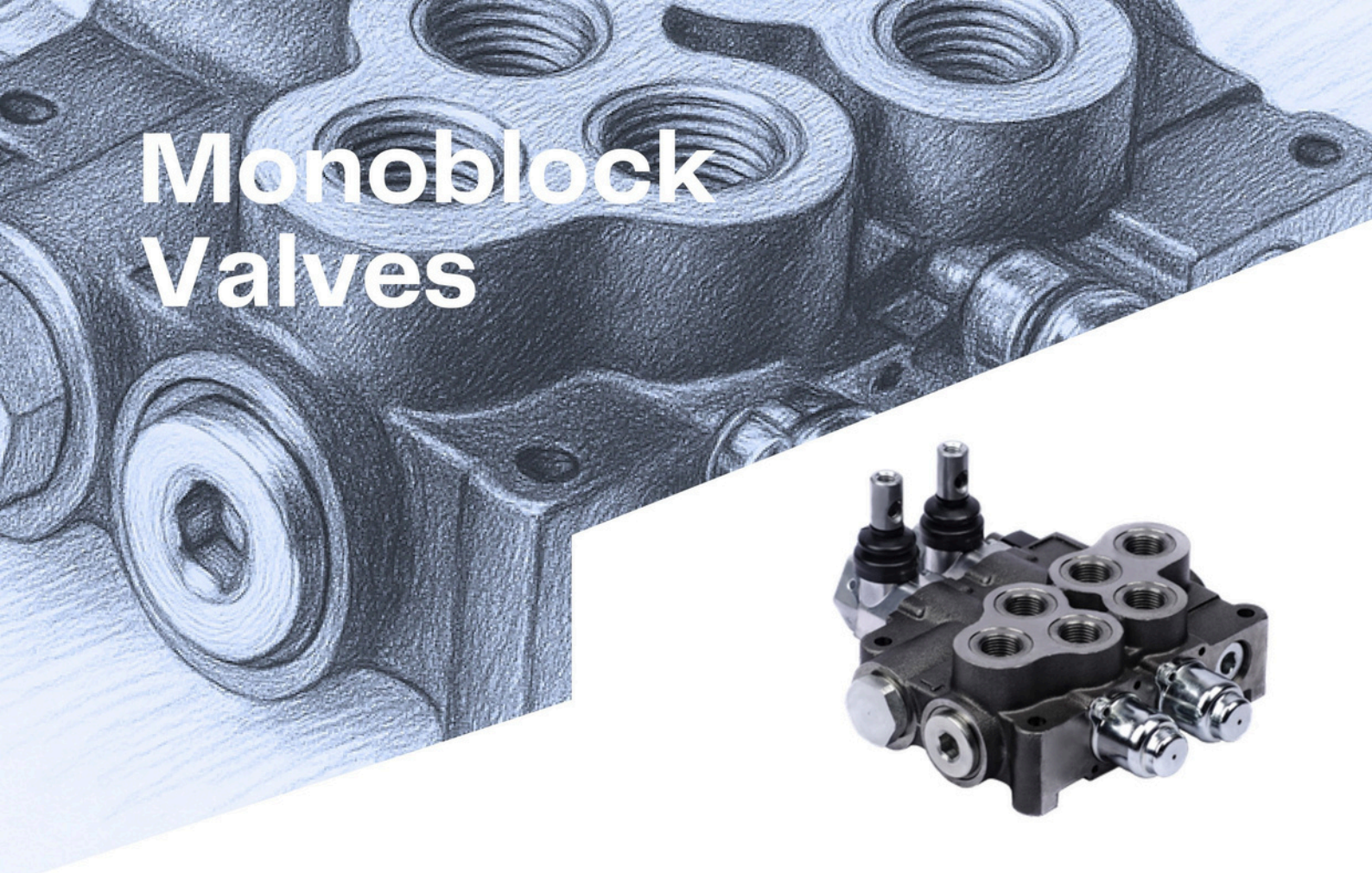
The AMV50 is a high-performance monoblock directional control valve engineered for demanding mobile hydraulic systems. It supports nominal flows up to 50 L/min with maximum pressures up to 315 bar, featuring a robust cast-iron body, integrated relief valve, and versatile section configuration.

Key Features

- Nominal flow up to 50 L/min
- Maximum rated pressure up to 315 bar
- Integrated, adjustable main relief valve
- With internal load hold check valve
- Support for open-centre and closed-centre hydraulic circuits
- Choice of parallel vs series circuit architecture
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic, direct-acting solenoid on-off
- Manual lever, remote cable control and mechanical joystick
- Ideal for mobile machinery, lifting equipment, municipal/agricultural vehicles and compact power packs

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

Monoblock Valves



AMV70

The AMV70 is a compact, high-performance monoblock directional valve designed for mobile hydraulic systems requiring both flexibility and power. With a nominal flow of 80 L/min and pressure up to 315 bar, it combines a robust cast-iron body, AMV70 ensures reliable and consistent performance.

Key Features

- Nominal flow up to 80 L/min
- Maximum rated pressure up to 315 bar
- Integrated, adjustable main relief valve
- With internal load hold check valve
- Support for open-centre and closed-centre hydraulic circuits
- Multiple spool and positioner options; manual, pneumatic, electro-pneumatic, hydraulic, electro-hydraulic, direct-acting solenoid on-off
- Manual lever, remote cable control and mechanical joystick
- Ideal for agricultural, municipal, and lifting machinery, where mid-high flow meets limited installation space

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

Monoblock Valves



SM160 / SME160

The SM160 is a high-performance monoblock directional control valve designed for open-, closed- and optional load-sensing hydraulic systems. It supports flow rates up to 160 L/min and offers up to 4 working sections. SM160 is the designation for the standard body with mechanical operation, while SME160 refers to the special body equipped with pilot lines for use with electro-hydraulic proportional actuators.

Key Features

- Robust, compact, and modular design
- Symmetrical design enables easy configuration and use
- Load-sensing architecture for efficient and demand-based flow control
- Integrated main pressure relief valve and optional load check valves in each section
- Unloading valve option for higher efficiency and safety
- Wide range of antishock & anticavitation valves
- Optional manual, cable, pneumatic, electro-pneumatic, hydraulic, and electro-hydraulic proportional, CANBus, electro-mechanical actuator (EMA)
- Low internal leakage and high energy efficiency
- Ideal for high-flow mobile machinery including municipal vehicles, truck-mounted systems, construction machines and lifting applications

Flow Rate	Number of Sections	Port Threads
120 L/min 31 US gpm	1 - 4	BSP G3/4" - BSP G1" UNF 1 1/16-12 (SAE 12) - UNF 1 5/16-12 (SAE16)



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