



Safety Instructions for Hydraulic Monoblock Valves

General Safety Guidelines

- Only trained and authorized personnel should handle, install, or maintain hydraulic monoblock valves.
- Always refer to the manufacturer's user manual before installing or operating the valve.
- Keep the work area clean, dry, and free of potential hazards.
- Wear appropriate personal protective equipment (PPE), including safety gloves and goggles, during handling and operation.

Installation Safety

- Ensure the hydraulic system is depressurized before installation.
- Use only the correct fittings and compatible hydraulic hoses as specified by the manufacturer.
- Mount the valve securely to prevent vibrations or dislodgement during operation.
- Verify that all connections are tightened to prevent leaks.



Operating Safety

- Do not exceed the specified maximum operating pressure and flow for the valve.
- Operate the valve within the recommended temperature range to avoid overheating or damage.
- Never use the valve in systems with contaminated or improper hydraulic fluid.
- Ensure smooth operation by avoiding sudden movements that could cause pressure spikes.

Maintenance and Inspection

- Regularly inspect the valve for wear, corrosion, or damage to seals and connections.
- Always relieve hydraulic pressure and disconnect the power source before performing any maintenance.
- Use only original spare parts or those recommended by the manufacturer to maintain performance and safety.
- Lubricate moving parts as recommended by the manufacturer to prevent wear and ensure smooth operation.



Handling Emergencies

- In the event of a hydraulic fluid leak, immediately isolate the system and clean the area.
- For accidental fluid contact with skin or eyes, rinse thoroughly with water and seek medical attention if necessary.
- If overheating or unusual noises occur, shut down the system and inspect the monoblock before restarting.

Storage and Transport

- Store the valve in a clean, dry environment to prevent contamination or corrosion.
- Protect valve ports and openings with caps to avoid contamination during storage or transport.
- Avoid exposure to extreme temperatures or direct sunlight during storage.



Warnings



- Do not attempt to modify the valve or use it in applications beyond its design specifications.
- Never use hands or bare skin to detect hydraulic fluid leaks—use a piece of cardboard or paper.
- Keep the valve and system clear of combustible materials, as hydraulic fluids can be flammable.

Environmental Considerations

- Dispose of used hydraulic fluids and components in compliance with local environmental regulations.
- Prevent hydraulic fluid spills and leaks from contaminating the environment.

For anything outside of the scope of this document please contact Flowfit or a qualified hydraulic engineer. This is provided in good faith and without liability and does not form part of any contract.