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## Standard Information

Monoblock directional control valves are compact, versatile, and reliable components designed to manage hydraulic fluid flow in various industrial and mobile applications. These valves control the direction, start, and stop of fluid in a hydraulic system, ensuring efficient operation of machinery.

## General Safety Precautions

- 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.
- 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 Guidelines

- 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.

## 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.

## Important Notes

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

For additional information, contact us.