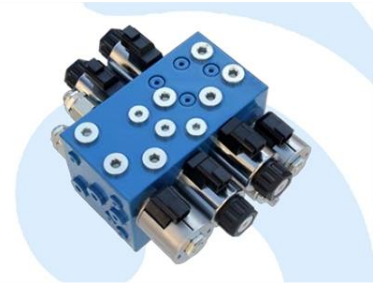


Hydraulic Control Valve for Lift Platforms

This hydraulic control valve contains an accumulator to absorb road shocks, ensuring a smooth and safe drive. It can integrate a charge valve to supply oil and prevent cavitation noises.



Product Overview

Hydraulic Control Valve for Lift Platforms

This hydraulic control valve is specifically engineered for lift platform applications, including scissor lifts and self-propelled devices. It features an integrated accumulator to absorb road shocks, ensuring smooth and safe operation, alongside a back pressure regulator to manage excess pressure. With a modular design and customizable spool functions, it offers high reliability and straightforward installation for various hydraulic systems.

Key Performance Metrics

Performance Highlights

25 MPa

Nominal Pressure

16 L/min

Rated Flow

22 L/min

Max Flow

15.5 kg

Weight

Technical Specifications

Applications

- Scissor lift platform
- Self-propelled device

Parameters

| | |
|--------------------------------------|---|
| Nominal pressure (MPa) | 25 |
| Rated flow (L/min) | 16 |
| Maximum flow (L/min) | 22 |
| Solenoid valve working voltage | 24VCD±15% |
| Steering flow range (L/min) | 2.8-4.5 |
| Hydraulic oil | Mineral oil (HL, HLP) in accordance with DIN 51 524 |
| Fluid temperature range (°C) | -20-100 |
| Viscosity range (mm ² /s) | 10-380 |
| Fluid cleanliness | Not lower than GB/T 14039-93 level 19/16 or NAS 1638 level 10 |
| Weight (kg) | 15.5 |

Technical overview of the hydraulic control valve, detailing pressure ratings, flow rates, and fluid requirements.

| | |
|---------------------------|--|
| Electrical Requirements | 24VCD ±15% |
| Steering Flow Range | 2.8 - 4.5 L/min |
| Recommended Hydraulic Oil | Mineral oil (HL, HLP) conforming to DIN 51 524 |
| Fluid Temperature Range | -20 to 100 °C |
| Viscosity Range | 10-380 mm ² /s |
| Fluid Cleanliness Level | GB/T 14039-93 level 19/16 or NAS 1638 level 10 |

Features & Applications

Key Design Features

- Accumulator for shock absorption
- Back pressure regulator
- Integrated charge valve to prevent cavitation noise
- Solenoid valve for high reliability
- Customizable spool functions
- Parallel port design for easy installation

Suitable Applications

Scissor lift platform, Self-propelled device