

Pedal Operated Hydraulic Control Valve

This pedal-operated hydraulic control valve is compact and easy to install. It provides flexible and accurate operation, with stable output pressure and customizable pressure characteristics.



Product Overview

Pedal Operated Hydraulic Control Valve

This pedal-operated hydraulic control valve is designed for precise and flexible control in demanding hydraulic systems. Its compact and durable construction, featuring dust-proof protection, ensures reliable operation in harsh environments. The valve provides stable output pressure and is engineered for easy integration, making it an ideal solution for various heavy machinery applications.

Performance Metrics

Operating Parameters

5 MPa

Max Pilot Pressure

16 L/min

Max Control Flow

0.3 MPa

Max Return Pressure

2.5 Kg

Weight

Technical Specifications

- **Applications**
 - Hoisting machinery
 - Agricultural machinery
 - Material handling machinery
 - Compactor
 - Forestry machinery
 - Container crane
 - Drilling rig
- **Parameters**

Pilot pressure (MPa)	Maximum 5
Control flow (L/min)	Maximum 16
Return pressure (MPa)	Maximum 0.3
Hydraulic oil	Mineral oil (HL, HLP) in accordance with DIN 51 524
Fluid temperature range (°C)	-20°C-80°C
Viscosity range (mm ² /s)	10-380
Fluid cleanliness	Not lower than NAS 1638 level 9
Weight (Kg)	2.5

Technical specifications and industry application overview for the hydraulic control valve.

Technical Data

Parameter	Specification
Fluid Compatibility	Mineral oil (HL, HLP) per DIN 51 524
Fluid Temperature	-20°C to 80°C
Viscosity Range	10-380 mm ² /s
Fluid Cleanliness	Not lower than NAS 1638 level 9

Applications

Suitable Applications

Hoisting Machinery, Agricultural Machinery, Material Handling, Compactors, Forestry Machinery, Container Cranes, Drilling Rigs

Key Features

Design Features

- Compact and small-profile design
- Simple installation process
- Dust-proof and highly durable
- Flexible and accurate foot-pedal operation
- Stable output pressure performance