

Hydraulic Brake Valve for Engineering Vehicles

This hydraulic brake valve, along with the GLT05 filling valve, creates a complete braking system for engineering vehicles. It offers smooth operation, brake sensitivity, and reliable performance.



Overview

High-Performance Hydraulic Brake Valve

This fully hydraulic brake valve is engineered for heavy-duty engineering vehicles, ensuring precise, responsive, and reliable braking performance. Designed for compatibility with various hydraulic systems, it features a robust slide valve construction that allows for smooth, stepless regulation at all pressure levels. With its double-circuit architecture, the system maintains operational safety even if one circuit fails, making it an essential component for graders, excavators, loaders, and hoisting machinery.

Key Features

Application Areas

Grader, Wheel excavator, Forklift, Wheel loaders, Hoisting Machinery, Walking machinery

Technical Specifications

Rated Flow

36 L/min

Rated Flow

Maximum Braking Pressure

10 MPa

Mass

4 Kg

Operating Environment

Hydraulic Fluid

Mineral oil (HL, HLP) in accordance with DIN 51 524

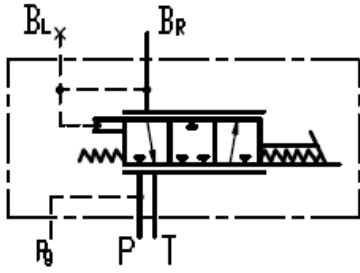
Oil Temperature Range

-20 to 100

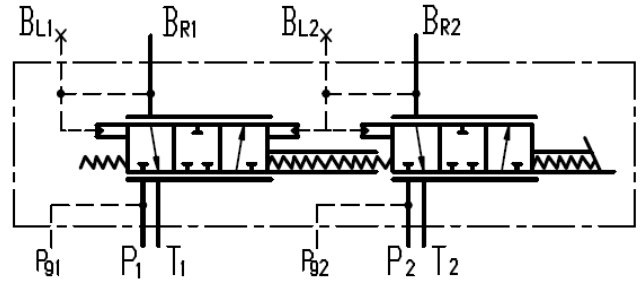
Viscosity Range

10 to 380

Design & Configuration



Schematic diagram illustrating the flow and connections for the single circuit brake valve configuration.



Schematic diagram illustrating the flow and connections for the dual circuit brake valve configuration.

Available Configurations

- Single circuit brake valve
- Dual circuit brake valve