

Dual Circuit Hydraulic Brake Valve with Adjustable Lever



This hydraulic brake valve is designed for use in construction machinery, material handling vehicles, forestry equipment, agricultural machinery, and urban transport vehicles. It features an adjustable lever for precise control and optimization of braking force in various operating conditions.

Product Overview

Precision Hydraulic Control

This dual-circuit hydraulic brake valve is engineered for demanding industrial and mobile applications, including construction, forestry, and agricultural machinery. Featuring an adjustable lever for precise braking force modulation, the valve provides enhanced safety and redundancy through its dual-circuit design. Its robust construction ensures reliable performance even under high-pressure operating conditions.

Technical Specifications

Технические характеристики

Давление впуска масла	20МПа
Тормозное давление	12 мПа
Давление слива	≤0.5МПа
Пределы вязкости	10-380 мм ² /с
Предел температуры масла	-20°C--100°C
Чистота масла	Не ниже GB/T 14039-2002 класса 19/16 или NAS 1638 класса 10
Масса	4,5 кг

Summary of primary operating parameters and pressure thresholds.

Operating Performance

20 MPa

Oil Inlet Pressure

12 MPa

Braking Pressure

4.5 kg

Weight

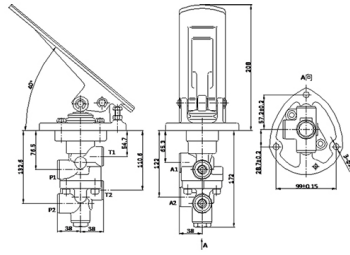
Operating Limits

- Drain pressure: ≤0.5 MPa
- Viscosity limits: 10-380 mm²/s
- Temperature range: -20°C to 100°C

Oil Cleanliness Standards

GB/T 14039-2002 Class 19/16, NAS 1638 Class 10

Dimensions and Geometry



Detailed dimensional layout and port configuration for installation reference.

Key Dimensions

Metric	Value
Overall Height	208 mm
Mounting Holes	3 x $\varnothing 10$ mm
Lever Angle	40 degrees

Applications

Suitable Industries

Construction Machinery • Material Handling • Forestry Equipment • Agricultural Machinery