

Hydraulic Quick Drop Valve

This hydraulic quick drop valve allows high flow rates while reducing pressure loss. The valve offers precise fluid flow control and is highly sensitive to pressure changes.



Product Overview

High-Performance Hydraulic Quick Drop Valve

The KJV20 Quick Drop Valve is engineered for the rapid lowering of loads in demanding construction and mining environments. This valve module offers precise fluid flow control while facilitating high flow rates to minimize pressure loss. Designed for versatility and durability, its compact size allows for efficient integration into complex hydraulic systems.

Performance Metrics

Key Performance Indicators

20 MPa

Rated Pressure

200 L/min

Rated Flow

18 kg

Weight

Technical Specifications

Applications

- Bulldozer
- Mining machinery

Parameters

Rated pressure (MPa)	20
Rated flow (L/min)	200
Output flow (L/min)	125±15
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)	18

Performance data and compatibility specifications for the hydraulic valve module.

Operating Parameters

Parameter	Value/Details
Output Flow	125±15 L/min
Hydraulic Oil	Mineral oil (HL, HLP) per DIN 51 524
Fluid Temperature Range	-20 to 100 °C
Viscosity Range	10-380 mm ² /s
Cleanliness Requirement	GB/T 14039-93 level 19/16 or NAS 1638 level 10

Applications

Recommended Use Cases

Construction Machinery, Bulldozers, Mining Machinery, Heavy Equipment

Features

Key Features

- High flow rates with reduced pressure loss
- Precise fluid flow control
- Highly sensitive to pressure changes
- Robust construction for durability
- Multiple mounting points for versatile installation