

# Hydraulic Pressure Selector Valve

This pressure selector valve is lightweight, compact, and easy to install. It allows for the selection of different pressure settings within a hydraulic circuit.



## Product Overview

### Precision Hydraulic Control

The SF8 Hydraulic Pressure Selector Valve is a compact and lightweight component engineered for high-performance hydraulic systems. Designed for leakage-free operation, this valve provides reliable pressure regulation and supports flexible mounting configurations for integration into diverse machinery. Its adjustable decompression pressure makes it a versatile solution for industrial, mobile, and agricultural hydraulic applications.

## Key Performance Metrics

#### Applications

- Loader
- Bulldozer
- Hoisting machinery
- Agricultural machinery

#### Parameters

|                                      |   |
|--------------------------------------|---|
| Pilot pressure (MPa)                 | 5   |
| Rated flow (L/min)                   | 20  |
| Decompression pressure (MPa)         | 3.2   |
| Hydraulic fluid                      | Mineral oil (HL, HLP) in accordance with DIN 51 524 |
| Fluid temperature range (°C)         | -20-80  |
| Viscosity range (mm <sup>2</sup> /s) | 10-380  |
| Fluid cleanliness                    | Not lower than NAS 1638 level 9                     |
| Weight (kg)                          | 2.6   |

Performance parameters and application suitability overview.

## Operating Parameters

**5 MPa**

Pilot Pressure

**20 L/min**

Rated Flow

**3.2 MPa**

Decompression Pressure

**2.6 kg**

Weight

## Technical Specifications

### Hydraulic Fluid & Environment

| Parameter           | Specification                    |
|---------------------|----------------------------------|
| Fluid Compatibility | Mineral oil (HL, HLP) DIN 51 524 |
| Temperature Range   | -20 to 80 °C                     |
| Viscosity Range     | 10-380 mm <sup>2</sup> /s        |
| Cleanliness Level   | NAS 1638 level 9 or better       |

## Applications

### Compatible Machinery

Loaders, Bulldozers, Hoisting Machinery, Agricultural Machinery

## Product Features

### Design Advantages

- Lightweight and compact form factor
- Leakage-free construction
- Multi-way stack mounting capability
- Adjustable decompression pressure settings