

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 ² /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 ² /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