

Dual Accumulator Charging Valve

This dual accumulator charging valve is designed for accumulator charging applications in hydraulic systems. It is applied in forklifts, agricultural machines, loaders, and municipal vehicles.



Overview

High-Performance Dual Accumulator Charging Valve

The ACV-L25F-00A is a robust dual circuit charging valve engineered for efficient and safe accumulator charging in demanding hydraulic systems. Designed for versatility, it is suitable for a wide range of heavy-duty machinery including large tonnage forklifts, loaders, and agricultural equipment. This valve ensures reliable performance in industrial environments by maintaining precise pressure control and circuit integrity.

Performance Metrics

Parameters

Rated flow	120L/min
Liquid filling flow	9L/min
Working pressure in accumulator circuit	20MPa
Viscosity range	10-380 mm ² /s
Oil temperature range	-20°C--100°C
Oil cleanliness	No less than Level GB/T 14039-2002 19/16 or Level NAS 1638 10
Mass	4.8Kg

Comprehensive technical specifications including flow rates, pressure ratings, and operating temperature ranges.

Key Performance Metrics

120 L/min

Rated Flow

20 MPa

Working Pressure

9 L/min

Liquid Filling Flow

Operating Conditions

Viscosity Range	10 - 380 mm ² /s
Oil Temperature Range	-20°C to 100°C
Oil Cleanliness Standards	GB/T 14039-2002 19/16, NAS 1638 10

Physical Specifications

Mounting Details

- 2-M10 Threaded holes
- Thread depth: 18mm
- Drilling depth: 21mm

Mass

4.8 kg

Port Identification

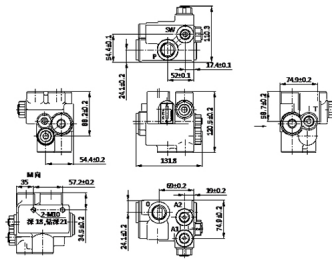
P, SW, T, O, A1, A2

Applications

Compatible Machinery

- Large tonnage forklifts
- Agricultural machines
- Loaders
- Municipal vehicles
- Forestry machines
- Mine machines

Technical Dimensions



Detailed dimensional drawing showing port locations (P, SW, T, O, A1, A2) and mounting hole specifications.

Key Dimensions

Dimension Type	Value (mm)
Total Length Reference	131.8
Mounting Width	120.5 ± 0.2
Mounting Height	110.3
Port Spacing (A1 to A2)	69 ± 0.2