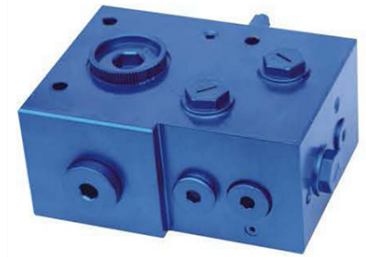


Hydraulic Accumulator Charging Valve

The accumulator charging valve is designed to work with a hydraulic brake valve, together creating a complete hydraulic braking system. It ensures efficient and reliable charging for optimal performance.



Product Overview

Hydraulic Accumulator Charging Valve

The PDF15-00 accumulator charging valve is an essential component for hydraulic braking systems, designed to pair seamlessly with hydraulic brake valves. It ensures optimal pressure maintenance in hydraulic accumulators, contributing to the overall performance, reliability, and longevity of the hydraulic system. Featuring robust construction and precise control mechanisms, this valve provides dependable operation and easy integration for various industrial applications.

Performance Specifications

Parameters

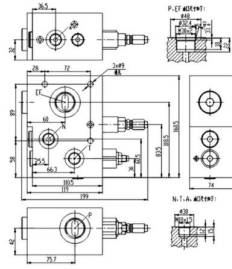
Nominal flow	90L/min
Oil return pressure	≤0.5MPa
Viscosity range	10-380 mm ² /s
Oil temperature range	-20°C--100°C
Oil cleanliness	No less than Level GB/T 14039-2002 19/16 or Level NAS 1638 10
Mass	9.0Kg

Summary of key operational parameters and environmental requirements.

Nominal Flow Rate	90 L/min
Oil Return Pressure	0.5 MPa
Viscosity Range	10-380 mm ² /s
Oil Temperature Range	-20°C to 100°C
Required Oil Cleanliness	GB/T 14039-2002 19/16, NAS 1638 10

Physical Characteristics

Contour Connection Size



Detailed dimensional drawing showing port locations and mounting points.

Overall Dimensions

199 mm

Length

74 mm

Width

160.5 mm

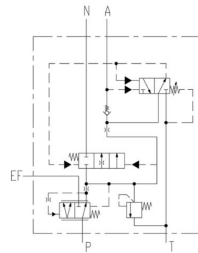
Height

Mass

9 Kg

Connection Details

Hydraulic system schematic



Hydraulic system schematic showing connections for P, T, A, N, and EF ports.

Port Configuration

Port Type	Diameter/Thread
P / EF	48mm / M30x2
N / T / A	30mm / M18x1.5

Mounting Details

3 x 9mm bolt pattern