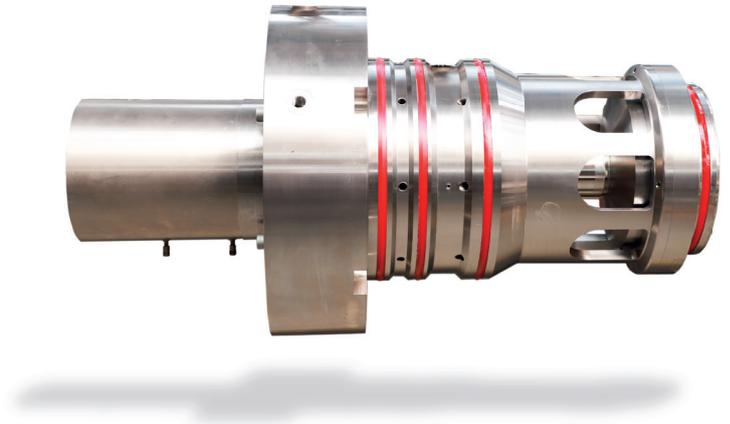


# Prefill Valves

## Features

- available in DN125 up to DN260 other sizes on request
- simple and safe valve function
- standardized Hauhinco valve insert
- customized valve body and adapter
- reliable valve
- successfully used in various applications
- easy to maintain
- changeable wear parts



## Simple and safe valve function

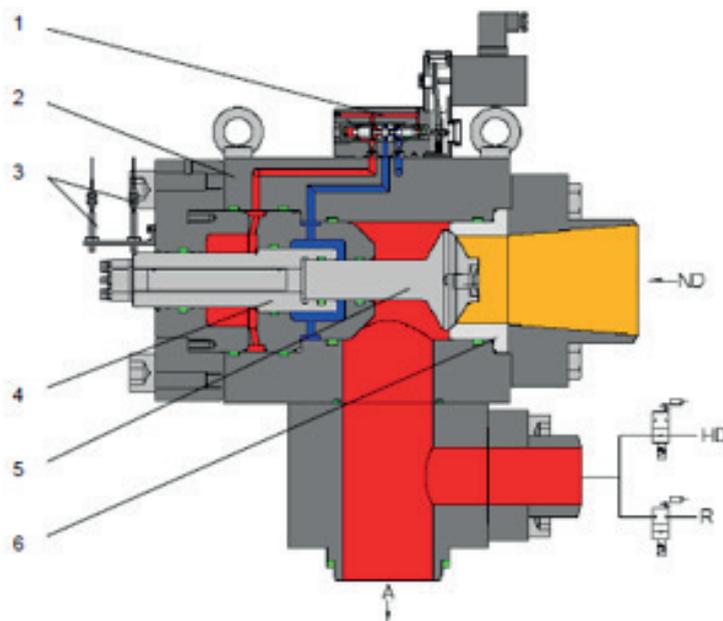
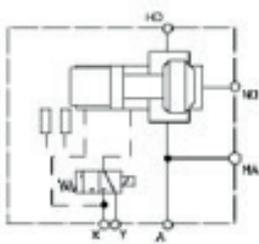
The filling valve is used for the leak-tight blocking of low-pressure systems. Due to the large flow cross-sections it is particularly suitable for fast positioning movements with low pressure, primarily on press cylinders.

During the high pressure stroke the valve remains closed.

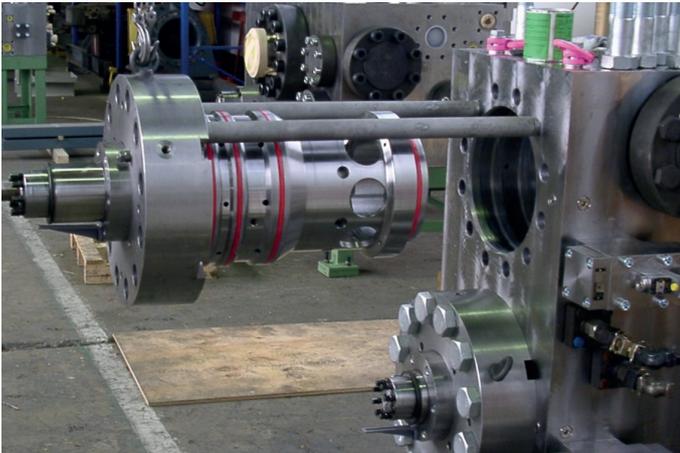
The valve consists essentially of the housing (2), valve piston (5), valve seat (6), control piston (4) and a single-stage or multi-stage electrohydraulic pilot control system (1). All components are made of stainless steel or bronze and are easy to replace. The use of proximity switches (3) allows a monitoring of the switching points of the valve piston (5).

The home position of the valve (normally open or normally closed) is determined by the variation of the magnet-operated pilot valve.

In the basic position shown here, the continuously applied control pressure - via the closing surface of the control piston (4) - presses the valve piston (4) into the seat (6). If the actuation of the pilot valve applies additional control pressure to the opening surface of the control piston, the valve piston will open due to the existing surface ratios.



# Hauhinco Prefill Valves



## Standardized valve insert

- Easy assembly and maintenance
- No disassembling of tubes necessary
- Valve insert assembled in one piece
- Sliding pins for easy assembling
- Super bolts for easy handling
- Installation without pipe changes
- Short downtime
- Proven and reliable state-of-the-art technology
- less spare parts cost
- Easily and inexpensively replaceable wearing parts
- Optimum support from Hauhinco Service in your area

## Successfully used in various applications

- Extrusion presses
- Open and close die forging presses
- Piecer presses
- Drawing press

