

HYDRAULIC VALVES PORTFOLIO

CELEBRATE THE POLE POSITION



**NACHI's standard and customized valves
solve each and every control task**

Since the development of the first vane pump in 1943, NACHI has achieved an outstanding position in the hydraulics market. Since many years NACHI is a strong partner in the fields of industrial and mobile hydraulics. NACHI's hydraulic components convince: They are long-lasting, reliable and efficient.

Standard for Universal Use

As standard components, the manifold mounting solenoid valves are available according to **international Standard Cetop** in a great variety of types.

The directional control valves in nominal sizes convince with **minimized pressure loss** and high flow rates up to 130l/min. They shift very quietly. They have proved to be very profitable thanks to a **long life cycle**.

There are suitable types available for every control task in general industrial hydraulics.

The Cetop directional valves with **terminal box** can be mounted and set up **fast and easily**. **Leakage free** types, types with manual switch, **shock-less**, with **tapered piston**, with control switch or as **fine valve** – you will always find the suitable type in NACHI's wide product range.



Cetop valves

Flexible and Easy to Mount

NACHI's modularly built solenoid valves are available as directional valves in a variety of types with **flows up to 300l/min** and **pressures up to 35 Mpa**. They simplify the flexible installation of different circuits. The modular valves are particularly suitable to set up stacked valve combinations in the field of machine tools and special machinery. Moreover, they care for economic service and replacement. Thanks to a variety of **base, distance and end plates** they fit into each and every environment.



Modular valves

Control Flow Exactly

To implement hydraulic operations that are sensitively controlled in speed and position NACHI provides a wide range of proportional valves. They can be assembled in-line or in banks. Depending on the type there are different power amplifiers available.

Proportional valves
and power amplifiers

Compact Size for Peripheral Installation

Inline valves are preferably appropriate to control single operations peripheral. They are especially used to shorten pipe lengths between valves and actuators in large special machines. NACHI offers a wide range of types. Limit, lower or control pressure, prevent backpressure, reduce flow

or block pipes for mounting purposes, e.g. to replace manometers – all this can be achieved efficiently and reliably using NACHI's proved, compact and rugged inline valves.

Proven Under Rough Conditions

NACHI's hydraulic valves prove each and every day their **high quality and reliability** in rigorous daily use. Over land, in water and in the air – daily many people rely on the **high-performance density** and the **reliable function** of NACHI's valves.

Thus, for example: skippers rely down to the ground on NACHI's hydraulics when controlling harbour tugboats and towboats. NACHI's hydraulics achieve that the ships move carefully and safely due to the commands of the steersman. Vessel crews can rely on the secure function of NACHI's hydraulics when in case of emergency they have to launch their lifeboats fast and safely.

In **tunnel boring machines** which are used in traffic route construction and in mining NACHI's proven hydraulic components show that they operate reliably and long-lasting under very rough conditions. When positioning boring and drive units NACHI's various types of directional and proportional valves demonstrate that they can resist even coarse dirt, fine dust and strong vibrations without problems. Equipped with NACHI's complete hydraulic units including pumps and valves lifting units convey heavy waste containers reliably and safely. The waste containers are lowered into the ground so that they do not take up costly traffic areas. Thus NACHI's hydraulic components help to make the life of mankind more **comfortable and convenient**.

NACHI

NACHI EUROPE GmbH

OUR SYNERGY
YOUR PERFORMANCE



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