

HOFER - Not just compressors

- HOFER offers you a comprehensive range of valves
- Our valves have been used with confidence in filling plants for technical gases, in plants in the chemical and petro-chemical industries and for pressure applications for many years.
- All our valves are fitted with split stems as standard. They are also equipped with exchangeable seat/stem combinations or with soft seals. Here HOFER provides quality with low maintenance costs. The range includes valves and piping components for pressures up to 10.000 bar.
- For operation of the valves we can provide not only hand-operated designs but also piston drives in NC (normally closed) and NO (normally open) variants.
- HOFER valves can be used in areas with a risk of explosion II 2G/3G IIC T6 in accordance with Directive 94/9/EEC (ATEX 95).

HOFER Valves for technical gases

- HOFER valves for technical gases have been developed and tested in collaboration with renowned gas producers.

Nominal pressure: up to 400 bar
Nominal diameters: DN 3 to DN 15
Materials: Stainless steel, Brass



- Oxygen valves and the connection supports required for them have been demonstrated and successfully tested up to 400 bar in order to confirm the "Safety against burning out in the event of oxygen pressure blasts" of the Bundesanstalt für Materialprüfung (Federal Institute for Materials Inspection).

HOFER - Block valves

- HOFER block valves are available as regulating and shut-off valves. Depending on the nominal diameter, they are used as instrumentation valves or process valves in laboratory or production plants.

Nominal pressure: PN 325 to PN 10.000
Nominal diameter: DN 2 to DN 25
Material: Stainless steel



HOFER - Bellows-sealed valves

- HOFER bellows-sealed valves (hermetically sealed) are used everywhere where the greatest demands are made on the seal.
- HOFER bellows-sealed valves are used in hydrogen technology, gas filling plants, pure gas systems, chemical plants, analysis and vacuum technology. Particular attention should be given to the protection of people, environment and plant when working with explosive, flammable aggressive or toxic substances.

Nominal pressure: up to 440 bar
Nominal diameter: DN 3 to DN 15
Material: Stainless steel

HOFER - Safety valves

- Safety valves should be closed tight during normal operating conditions, opened in the event of a non-permissible increase in pressure and closed again tightly once pressure has been successfully reduced. HOFER safety valves meet these requirements on all points. HOFER safety valves comply with the European pressure device Directive and AD-2000 regulations.



- HOFER safety valves are available for vapours, gases and liquids for set pressures up to 4,000 bar. Up to 2.500 bar they are conforming to the directive 97/23/EC for pressure equipment (PED) with CE- marking and are suitable for vapours and gases.

HOFER - Small valves

- Besides block valves and valves for technical gases our product range offers you a wide range of small valves. Describe your application to us. We shall offer you a suitable product.

HOFER - Pipes and connecting elements

- As well as the valves described we can also supply suitable pipes and connecting elements in a wide variety. Standard products can be supplied from stock.

HOFER - Service

- We also offer you a comprehensive range of services, e.g.:
 - Courses
 - Training
 - Engineering and construction services
 - Technical demonstrations
 - Product and service presentations

HOFER - Compressors

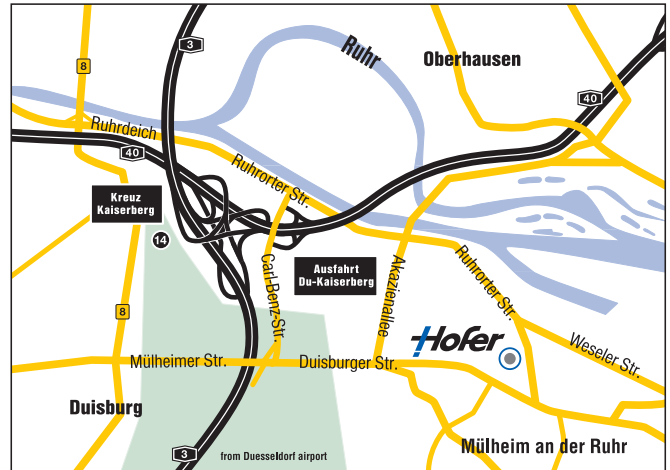
- HOFER has been supplying piston and diaphragm compressors, hydraulically driven, dry-running piston compressors and pressure intensifiers for liquids for over 80 years. Complete with valve and instrument panels as ready-assembled units (skids).
- HOFER diaphragm compressors are used for oil free and abrasion free compression of technical gases. Diaphragm compressors are hermetically sealed and can be used for filling storage containers, for feeding continuous processes or as cycle gas compressors.
- HOFER piston compressors are as standard, like our diaphragm compressors, equipped with crank drives for installations without foundation. Dry-running piston compressors of up to 4.000 bar are used with hydraulic drives for special high pressure applications (e.g. pressure generators for isostatic presses).
- HOFER dry-running piston compressors with piston and connecting rod assemblies are limited to a final pressure of 160-200 bar depending on the type of gas. In order to achieve higher pressures with oil-free seals, this machine type can be equipped with a final diaphragm stage.
- HOFER compressors are designed and produced according to individual customer requirements.

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