

- VALVES AND COMPONENTS FOR GAS INDUSTRY
- CRYOGENIC AND HIGH-PRESSURE ENGINEERING
- AEROSPACE, MARINE AND ENERGY INDUSTRY

# News

## Cryogenic valves from STÖHR ARMATUREN – Prepared with Valve Body Housing

**STICKS** and other cryogenic valves from STÖHR now available with factory-provided multi-layer adsorption insulation material and body housing for the quick use in vacuum insulated pipes.

For a quick installation within the vacuum insulated piping system, cryogenic valves from STÖHR ARMATUREN can be ordered with pre-installed housing provided by the factory as option. The prepared housing is available for all cryogenic valve series, however it is especially useful for the standardized cryogenic valves of the STICKS series with its insert concept. For preparation, the valve body will be wrapped with a multi-layer adsorption insulation material achieving high thermal quality. The housing made of stainless steel will then be welded to the standard pre-installed welding flange. The encased cold valves can afterwards be installed directly into rigid or flexible transfer lines without further machining by the customer. The encased valves are either preconfigured with optional couplings (STÖHR-Johnson coupling or other customer specific design) or with open pipe for connection to the plant.



: STICKS

: STICKS encased with pre-installed welding flange

: multi-layer insulatet

STÖHR ARMATUREN is a specialized company with more than seventy years of experience in design and manufacturing of high-performance valves for technical gases, especially in cryogenics. With its product lines UNIVERS, STICKS, FREES, AXIUS, BALANS and ELLIPS, STÖHR provides valves for temperature ranges from cryogenic to hot valves for clean air as well as toxic gases, oxidizing or corrosive media.

### General construction and delivery features

- Welded body housing made from non-magnetic, corrosion resistant stainless steel
- Housing with polished surface treatment (optional)
- Delivery includes leak test at the outer side of the housing
- Preparation for connections with quick-release plug-in couplings according to customer requirement (optional)
- Proven multi-layer adsorption material for the super insulation to achieve a high thermal quality
- Connections for vacuum pump and vacuum gauge available as additional housing features for quick-release coupling system (optional).

### Housing option is available for following products:

The prepared valve body housing can be ordered for the STICKS valves series ex factory as option.

For other STÖHR cryogenic valve series, like UNIVERS, ELLIPS, FREES on request at:

Email: [info@stoehr-valves.de](mailto:info@stoehr-valves.de), or  
Phone: +49 8231 3490-0

Specialists from STÖHR ARMATUREN will advise you for the selection of valve types, material, sealing and drive concepts.