



## One system – many benefits

- Maintenance without the loss of vacuum**

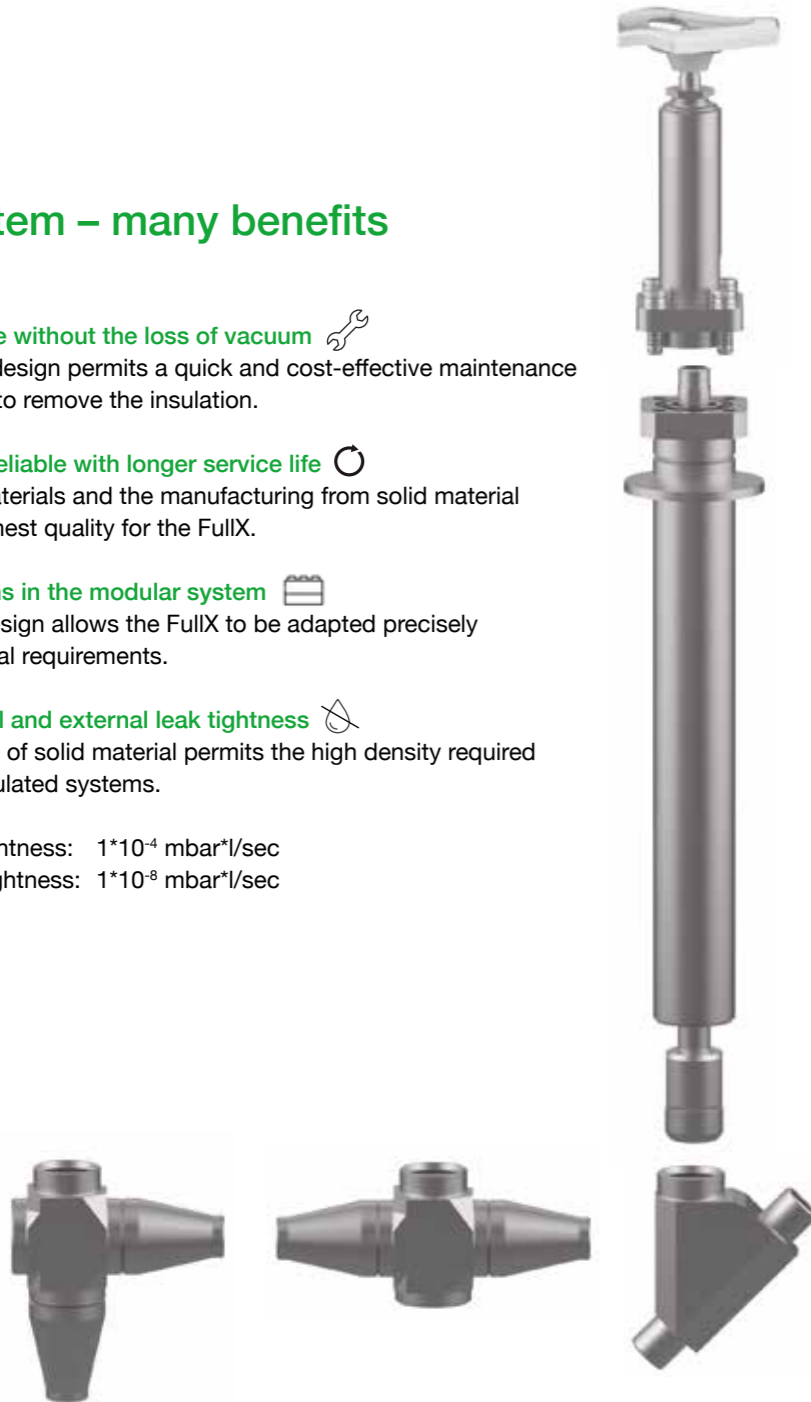
The Top-Entry design permits a quick and cost-effective maintenance without having to remove the insulation.
- Absolutely reliable with longer service life**

High-quality materials and the manufacturing from solid material provide the highest quality for the FullX.
- Many options in the modular system**

The modular design allows the FullX to be adapted precisely to your individual requirements.
- High internal and external leak tightness**

The body made of solid material permits the high density required for vacuum-insulated systems.

Internal leak tightness:  $1 \cdot 10^{-4}$  mbar\*l/sec  
 External leak tightness:  $1 \cdot 10^{-8}$  mbar\*l/sec



## How does the FullX fit in your application?

Our experts would be pleased to consult you and assist you with the planning and use of HEROSE valves in your individual application.

## FullX: Figures, data and facts



Scan the code or visit us at [herose.com/type11C01.pdf](https://herose.com/type11C01.pdf) and find out all important information about the new FullX Valve type 11C01.

## Newsletter – always well informed



Scan the code or register at [herose.com/newsletter](https://herose.com/newsletter)

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Globe Valve FullX  
 Type 11C01

Perfect for vacuum-insulated  
 systems to  $-269 \text{ } ^\circ\text{C}$



# FullX protects against undesired evaporation

## Applications

- Pressure vessels down to -269 °C (He, H<sub>2</sub> und O<sub>2</sub>)
- Air separation plants
- Coldbox systems
- Fuelling systems for aerospace and space technology
- Vacuum-insulated pipelines
- Cryostats

## Technical Details

<b>Sizes:</b>	DN20, DN25 and DN50
<b>Pressure:</b>	PN63
<b>Permissible operating temperature:</b>	-269 °C to +80 °C
<b>Connections:</b>	butt weld
<b>Material:</b>	stainless steel
<b>Approved media:</b>	hydrogen, air gases, steam and cryogenically liquified gases
<b>Versions:</b>	manual actuation
<b>Body types:</b>	straight, angle type or Y type body

## The FullX modular system

Many options for your application: put the FullX Valve together precisely according to your requirements in a few steps.

1. Determine the nominal size and note the size code.
2. Choose the type of **body, collar, connection and the media**, and note the codes of your selection.
3. Based on the dimension code and the options codes, you receive a personal offer for your FullX Valve.

For configurable products, the HEROSE part number is structured as follows:

Nomenclatur	Type	Serie	Size code	Option codes
e. g.	11C01.	A001.	0250.	CHD-HJC-MKX-RRW

## Selection the dimension code

Nominal size	Dimension code
DN20	0200
DN25	0250
DN50	0500

## Selection of the body

Option	Code
Straight body	HJC
Angle type body	CBQ
Y type body	PYU

## Selection of the medium

Option	Code
Media down to -196 °C (exception oxygen)	EAY
Media down to -269 °C	SUC
Oxygen	RRW

## Selection of the collar

DN	Option	Code
20 25	Diameter 72 mm Collar position 375 mm Thickness 5 mm	CHD
20 25	Diameter 72 mm Collar position 330 mm Thickness 5 mm	YJK
50	Diameter 109 mm Collar position 411 mm Thickness 5 mm	KPD
50	Diameter 109 mm Collar position 461 mm Thickness 5 mm	DRJ

## Selection of the connection

DN	Option	Code
20	Butt weld 26.9 x 2.3 mm	RED
25	Butt weld 33.7 x 2.6 mm	MKX
50	Butt weld 60.3 x 2.9 mm	NWZ

