

Ball valve QuarterT  
Type 15C01 | 15C02

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**A QUARTER TURN FOR A FULL FLOW CAPACITY**

## Technical details Type 15C01

<b>Sizes</b>	DN10 up to DN80
<b>Pressures</b>	PN50, PN70, PN100 (depending on nominal size)
<b>Working temperature</b>	-196 °C up to +65 °C
<b>Connections</b>	Butt weld, socket weld, thread
<b>Material</b>	Stainless steel   Seal: PCTFE
<b>Approval</b>	PED, UKCA
<b>Approved media</b>	Air gases, vapours & cryogenic liquefied gases
<b>Versions</b>	Manual and pneumatic actuation
<b>Flow direction</b>	Unidirectional
<b>K<sub>vs</sub> value</b>	5,7 m <sup>3</sup> /h (DN10) up to 279 m <sup>3</sup> /h (DN80)
<b>C<sub>v</sub> value</b>	6,6 gal/min (DN10) up to 323 gal/min (DN80)
<b>Flange for actuator</b>	DIN EN ISO 5211

## Applications

- ▶ Transportable and stationary pressure vessels for liquefied industrial gases
- ▶ Air separation units
- ▶ CO<sub>2</sub> applications
- ▶ Applications from food, pharma, biology, chemical and industrial sectors



The swing-out design simplifies maintenance.



## Our service offer

Quickly available installation service by our trained service employees as well as separate spare part packages are available.

## Technical details Type 15C02

<b>Sizes</b>	DN10 up to DN80
<b>Pressures</b>	PN50, PN70, PN100 (depending on nominal size)
<b>Working temperature</b>	-60 °C up to +190 °C
<b>Connections</b>	Butt weld, socket weld, thread
<b>Material</b>	Stainless steel   Seal: PTFE
<b>Approval</b>	PED, TPED, UKCA, RHO
<b>Approved media</b>	Air gases, cryogenic liquefied gases (only with a vent hole in the ball) and mixtures thereof, incl. natural gas and ammonia
<b>Versions</b>	Manual and pneumatic actuation
<b>Flow direction</b>	Unidirectional (with vent hole), bidirectional (without vent hole)
<b>K<sub>vs</sub> value</b>	5,7 m <sup>3</sup> /h (DN10) up to 279 m <sup>3</sup> /h (DN80)
<b>C<sub>v</sub> value</b>	6,6 gal/min (DN10) up to 323 gal/min (DN80)
<b>Flange for actuator</b>	DIN EN ISO 5211



# Safe and flexible – Our solution for **your application**

The QuarterT is particularly suitable for applications where a fast opening and closing of the line is needed. These ball valves offer a high level of reliability and safety for your applications and your staff.

## High flow rate

Save time: The full bore of the ball enables a high flow capacity for a fast filling and emptying of the vessel.

## Food-grade materials

The materials used are suitable for use in the food industry.

## High robustness

Thanks to the optimized design, full functionality is maintained even under mechanical stresses in the lines.

## No trapped cavity

A relief hole on the upstream sphere of the ball prevents pressure buildup in the cavity (15C02 optional).

## Easy Maintenance

The three-piece design allows easy maintenance without having to remove the ball valve completely from the pipe.

## Anti-electrostatic design

The design prevents the ball from becoming electrostatically charged.

## Flexible hand lever

Thanks to its adjustable positioning, the ball valve can be easily installed even in confined spaces.

## Blowout proof stem

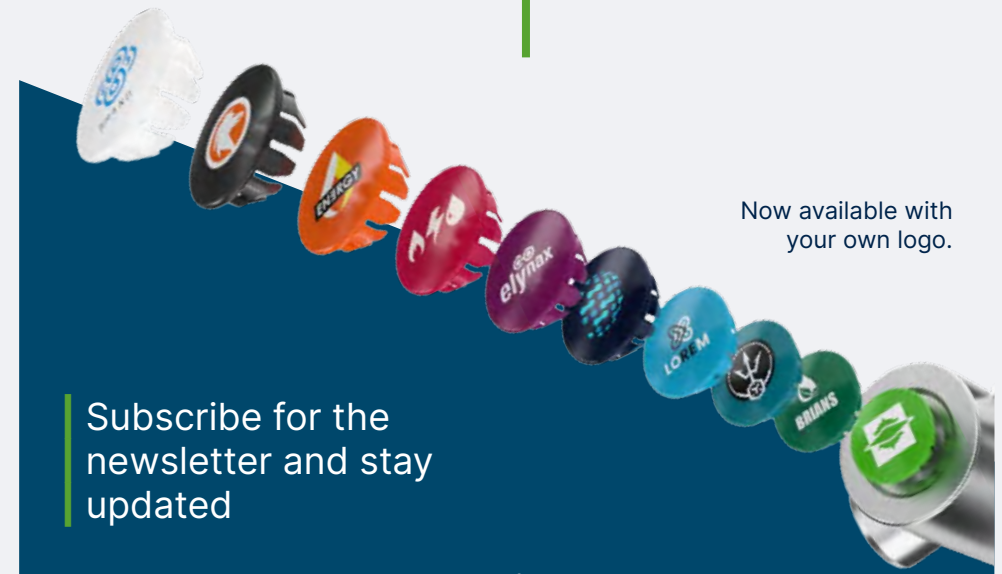
It is a safety feature to ensure that the stem is not pushed out of the valve's body by the inline pressure.

## For oxygen applications

Like most HEROSE valves, the QuarterT is cleaned free from oil and grease in an automated process so it is suitable for oxygen use.

## Ideal for low temperatures

The QuarterT is approved for use in applications down to  $-60^{\circ}\text{C}$  (Type 15C02) or  $-196^{\circ}\text{C}$  (Type 15C01) and, thanks to its components in contact with the medium being made of high-quality stainless steel, is even suitable for aggressive media.



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