

New ball valve to high pressure applications

Our range of high-pressure GBC ball valves has been extended with the addition of the new GBCT designed for 140 bar MWP.

Safe construction for the most demanding requirements

The GBCT fulfills the high temperature and pressure requirements for the discharge lines in transcritical CO₂ systems. It is developed specifically for intrinsic standstill security in CO₂ systems and covers a wide selection range up to 2 1/8 in.

The key features include:

- Internally loaded spindle design to ensure safe operations under extreme pressure
- Reinforced copper-iron tube extensions to allow easy torch-brazing installation

- Bleed hole design to prevent liquid entrapment when the valve is closed
- Sealing material especially for CO₂ to ensure long-term product reliability

Along with the 90 bar GBCH, the 140 bar GBCT completes our ball valve portfolio for CO₂ giving you the perfect match whether you are servicing the low pressure or the high pressure side of a system.

Product type	Display Case	Cold Room	Pack Liquid line Gas by-pass line Suction line	Pack High pressure line/ transcritical
GBC CO2 45 bar	x	x		
GBCH 90 bar	x	x	x	
GBCT 140 bar			x	x

