

DOUGLAS CHERO Forged Steel Gate, Globe, and Check Valves

TECHNOLOGY



DOUGLAS CHERO Forged Steel Valves

DOUGLAS CHERO™ forged steel valves are ideal for standard and critical industry applications. The welded bonnet joint eliminates the body/bonnet flanges, reducing weight and simplifying the application of exterior insulation.

The welded bonnet ensures containment of the high-pressure applications experienced within the industry. This, in concert with the forged steel body, provides the highest integrity sealing available.



Threaded, Socket-Weld and Butt-Weld End Gate Valves

Sizes: 1/4" to 3" (6 mm to 80 mm)
Classes: 800 to 4500

DOUGLAS CHERO gate valves are ideal for bi-directional and tight shutoff. Due to the flow characteristics of the wedge-to-seat design, gate valves should be operated in the full-open or full-closed position. Gate valves are utilized in applications where minimum pressure drop is desired.



Flanged End Gate Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)
Classes: 150 to 2500

DOUGLAS CHERO flanged end gate valves are ideal for bi-directional flow. They are ideal for on/off duties where tight shutoff is required. All of our designs feature integral body forging.

Extended Body Gate Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)
Classes: 800 to 1500

These valves are available in a variety of connections. Extended body valves have a welded or threaded connection and are used for pressure vessels and header lines for vents, drains, or takeoff lines and instrumentation.



Threaded, Socket-Weld and Butt-Weld End Globe Valves

Sizes: 1/4" to 2" (6 mm to 50 mm)
Classes: 800 to 4500

Globe valves are ideal for unidirectional, controlled flow. The flow characteristic of a globe valve is repeatable, consistent, and easy to control at various open positions.



Flanged End Globe Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)
Classes: 150 to 2500

Flanged end globe valves offer flow characteristics that are repeatable, consistent and easy to control at various open positions. This makes them ideal for unidirectional, controlled flow and suitable for throttling applications.

Threaded, Socket-Weld and Butt-Weld End Swing and Lift Check Valves

Sizes: 1/4" to 2" (6 mm to 50 mm)
Classes: 800 to 4500

Swing and lift check valves are available for a variety of services and are commonly used for high pressure applications. Quality manufacturing helps ensure that the valve will prevent flow reversal.



Flanged End Swing and Lift Check Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)
Classes: 150 to 1500

DOUGLAS CHERO flanged end swing and lift check valves are designed for use in multiple applications. These valves are ideal for applications where flow characteristics of fluids require pressure control.

Threaded, Socket-Weld and Butt-Weld Y-Pattern Globe Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)
Classes: 800 to 4500

Y-pattern globe valves are designed much the same as angle globe valves. They are designed for a variety of service conditions and are commonly used for high pressure applications.

