

NEWCO DOUGLAS CHERO Forged Gate, Globe, and Check Valves

TECHNOLOGY



Gates

Sizes: 1/4" to 2" (5 mm to 50 mm)

Classes: 150 to 4500

Design: API 602

Ends: FLGD, THRD, SW, BW

Materials: A105, LF2, Alloy Grades

NEWCO forged steel bolted and welded bonnet gate valves are ideal for bi-directional flow 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.



Globes

Sizes: 1/4" to 2" (5 mm to 50 mm)

Classes: 150 to 4500

Design: API 602

Ends: FLGD, THRD, SW, BW

Materials: A105, LF2, Alloy Grades

NEWCO forged steel bolted and welded bonnet globe valves are ideal for unidirectional, controlled flow. The flow characteristics of a globe valve are repeatable, consistent and easy to control at various open positions, which makes the design ideal for general flow regulation.

The Y-pattern globe valves offer the same flow capabilities as standard globes. The smooth Y-pattern allows for less turbulence and lower pressure drops.



Checks

Sizes: 1/4" to 2" (5 mm to 50 mm)

Classes: 150 to 4500

Design: API 602

Ends: FLGD, THRD, SW, BW

Materials: A105, LF2, Alloy Grades

NEWCO forged steel bolted and welded bonnet check valves yield minimal restrictions to low-velocity environments and are ideal for preventing backflow in unidirectional flow applications in horizontal or upward (vertical) flow. Piston and ball check valves with a spring allow for both horizontal and vertical installation.



Forged Steel

Cameron's NEWCO 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.



DOUGLAS CHERO Forged Steel Valves

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

Sizes: 1/4" to 2" (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. Cameron offers flanged gate valves for a wide range of service conditions.

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. Cameron offers swing, piston, and ball configurations for these valves.



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.

