

# NEWCO Valves

Complete line of cast, forged and stainless steel gate, globe and check valves  
in a full range of sizes and classes

## TECHNOLOGY



## Cast Steel Gate, Globe and Check Valves

Cameron's NEWCO® cast steel gate, globe and check valves exceed all industry design requirements. These valves range from 2" to 54" (50 mm to 1350 mm) in pressure classes 150 to 1500.



### Gates

**Sizes:** 2" to 54" (50 mm to 1350 mm)  
**Classes:** 150 to 1500  
**Design:** API 600  
**Ends:** RF, RTJ, BW  
**Style:** Flex Wedge  
**Materials:** WCB, LCC, Alloy Grades

NEWCO cast steel 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. Concentrated flow across the seats of a partially opened gate valve risks possible seat damage, therefore throttling is not recommended. Gate valves are utilized in applications where minimum pressure drop is desired.

### Globes

**Sizes:** 2" to 24" (50 mm to 600 mm)  
**Classes:** 150 to 1500  
**Design:** API 623  
**Ends:** RF, RTJ, BW  
**Style:** Plug Type Disc  
**Materials:** WCB, LCC, Alloy Grades

NEWCO cast steel 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.



### Checks

**Sizes:** 2" to 36" (50 mm to 900 mm)  
**Classes:** 150 to 1500  
**Design:** API 594  
**Ends:** RF, RTJ, BW  
**Style:** Swing and Tilting Disc  
**Materials:** WCB, LCC, Alloy Grade

NEWCO cast steel check valves yield minimal restriction to low-velocity environments and are ideal for preventing backflow in unidirectional flow applications in horizontal or upward (vertical) flow. The tilting disc design offers closing that reduces the possibility of slamming.

