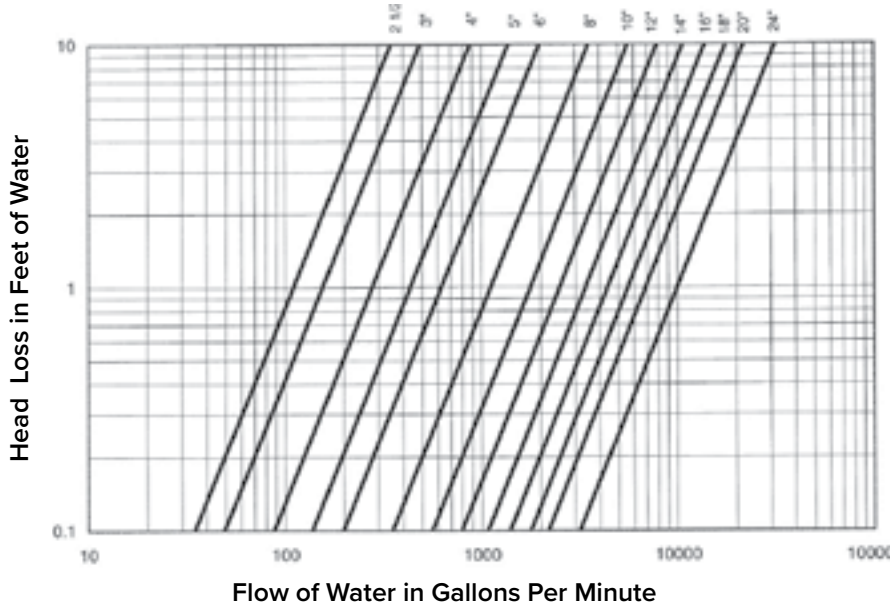


## GC SERIES FLOW CHARACTERISTICS AND PLACEMENT

**GC Series Valves are intended for liquid service only. Consult factory for applications other than liquid.**

### Globe Check GC Series Head Loss Chart\*

\*Head loss charts are for flow when valve is positioned with the seat downstream. For sizes above 24", please contact the factory.



### Special Maintenance Note:

The GC Series valve should never be inspected by only removing the valve inlet flange piping. If this is done, seat damage to the valve or personal injury to the inspector may occur. If the valve must be serviced, it should be isolated and the line pressure relieved on both sides of the valve. For additional instructions, consult the GS Series Operation & Maintenance manual at [www.crispinvalve.com](http://www.crispinvalve.com).

These valves are intended for use on municipal water systems, or approved commercial and/or industrial applications only.

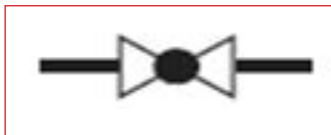
**Resilient Seats are highly recommended for Potable Water or Drip Tight Applications.**

#### Flow Velocity



Globe Check Series valves have a maximum recommended flow velocity of 10 feet per second. In addition, flow curves are based on the flow of clean water at an ambient temperature.

#### Line Placement



Piping standards recommend placing valves 5 to 10 pipe diameters from any turbulence producing devices (i.e. pumps, etc.) This recommendation should be followed to prevent increased valve wear or possible damage.

#### Valve Replacement

Existing swing check valves can be replaced with a GC Series valve. The replacement involves the addition of a spool piece to be bolted to the replacement valve. The entire assembly can be provided to conform to the existing valve's face to face dimension.

The GC Series is designed so that a butterfly valve may be used downstream without the use of a space flange or spool piece.



#### PRODUCT LINE

GC SERIES GLOBE CHECK VALVE, 3"-36"

#### SHEET

GC Series Flow Characteristics

#### DATE

1/18/2024

#### REVISION

1

#### DOC. NO.

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