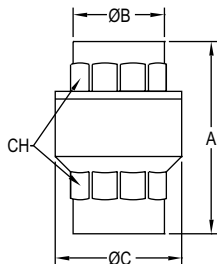


## SERIES BICV

# BRASS INLINE CHECK VALVE

Economical, Spring-Loaded for Fast Seating



NPT Size	A in [mm]	B in [mm]	C in [mm]	CH in [mm]
1/4"	1-47/64 [44]	51/64 [20]	1-1/16 [27]	51/64 [20]
3/8"	1-47/64 [44]	51/64 [20]	1-1/16 [27]	51/64 [20]
1/2"	2-21/64 [59]	63/64 [25]	1-23/64 [34.5]	63/64 [25]
3/4"	2-9/16 [65]	1-13/64 [30.5]	1-21/32 [42]	1-7/32 [31]
1"	2-49/64 [70]	1-31/64 [37.5]	1-15/16 [49]	1-1/2 [38]
1-1/4"	2-15/16 [74.5]	1-7/8 [47.5]	2-13/32 [61]	1-57/64 [48]
1-1/2"	3-11/64 [80.5]	2-7/64 [53.5]	2-7/8 [73]	2-1/8 [54]
2"	3-3/8 [85.5]	2-11/16 [68]	3-15/32 [88]	2-41/64 [67]
2-1/2"	4-3/8 [111]	3-15/64 [82]	4-25/64 [111.5]	3-17/64 [83]
3"	4-55/64 [123.5]	3-27/32 [97.5]	5-15/64 [133]	3-55/64 [98]
4"	5-13/32 [137.5]	5 [127]	6-27/64 [163]	5-3/64 [128]

The **Series BICV Brass Inline Check Valve** is ideal for use with a broad array of service mediums including compatible oils, gases, fuels and hydrocarbons. They incorporate a soft seat for a bubble-tight shutoff and are spring-loaded for rapid reseating at high and low temperatures. The Series BICV was designed with a smooth flow profile to minimize head loss and accumulation of debris. The low 0.5 psi (0.04 bar) cracking pressure and patented guided-disc technology ensure reliability at low and high service pressure.

## BENEFITS/FEATURES

- Soft seat for bubble-tight shut off
- Spring loaded for rapid reseating at high and low temperatures
- Patented guided-disc technology

## APPLICATIONS

- To protect equipment against possible damage or contamination resulting from a reversal of flow direction

## SPECIFICATIONS

**Service:** Liquids and gases compatible with wetted material.

**Body:** 1-piece.

**Line Size:** See model chart.

**Process Connection:** Female NPT.

**Pressure Limits:** 1/4" to 2": 400 psi (27.6 bar) WOG; 2-1/2" to 4": 175 psi (12.1 bar) WOG; All sizes: 125 psi (8.6 bar) SWP.

**Wetted Materials:** Valve body: Brass (CW617N); Obstructor: Polyetherimide; Seat: 1/4": NBR rubber, 3/8" to 4": Fluoroelastomer; Spring: 302 SS.

**Temperature Limits:** 10 to 352°F (-12 to 178°C).

## MODEL CHART

Model	Connection Size	Cv Value	Weight
BICV-0N00	1/4"	4.55	3.5 oz (100 g)
BICV-0F01	3/8"	4.55	5.9 oz (168 g)
BICV-0F02	1/2"	6.0	5.1 oz (145 g)
BICV-0F03	3/4"	11.0	7.8 oz (222 g)
BICV-0F04	1"	16.9	10.9 oz (308 g)
BICV-0F05	1-1/4"	27.4	1.1 lb (.051 kg)
BICV-0F06	1-1/2"	39.1	1.6 lb (0.73 kg)
BICV-0F07	2"	60.7	2.3 lb (1.03 kg)
BICV-0F08	2-1/2"	98.4	4.8 lb (2.19 kg)
BICV-0F09	3"	158.0	6.7 lb (3.04 kg)
BICV-0F10	4"	225.4	12.4 lb (5.64 kg)

USA: California Proposition 65

**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).