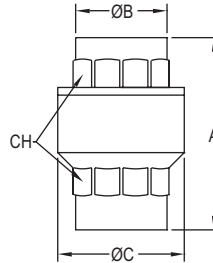


# BRASS INLINE CHECK VALVE

Economical, Spring-Loaded for Fast Seating

Valves, Check



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.

### FEATURES/BENEFITS

- 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: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)