

Series-C Check Valves



brass



steel

Feature

- Provides free flow in one direction and dependable shutoff in the opposite direction

Specifications

- Maximum operating pressure: **2000 PSI** at ambient temperature **70°F (21°C)**
- Cracking pressure: **5 PSI**

Female NPT	Free Flow GPM	Maximum Operating PSI at 70°F (21°C)	Brass Part #	Maximum Operating PSI at 70°F (21°C)	Steel Part #
1/8"	3	2000	BCV200	5000	SCV200
1/4"	5	2000	BCV400	5000	SCV400
3/8"	8	2000	BCV600	5000	SCV600
1/2"	15	2000	BCV800	5000	SCV800

Domestic Ball Cone Check Valves

Application

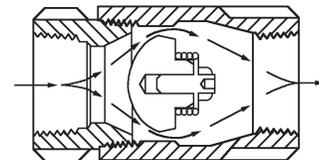
- For use with water, oil, or inert gases. Not recommended for use on or near reciprocating pumps or other similar vibration causing machinery.

Features

- Tight shutoff with liquid media
- No radial alignment necessary
- Straight through and streamlined for minimum change in velocity
- Reinforced PTFE check is spring loaded for fast seating action.

Specifications

- Pressure rating: **400 PSI WOG**, cold non-shock; **125 PSI** saturated steam
- Cracking pressure: **.5 PSI**
- Temperature range: **-20°F to 353°F (-29°C to 178°C)**



Pressure Ratings

Temperature	Pressure WOG (PSI)
-20°F to 100°F (-29°C to 38°C)	400
200°F (93°C)	200
250°F (121°C)	160
275°F (135°C)	150
300°F (149°C)	140
325°F (163°C)	130
353°F (178°C)	125

Ball Cone Check Valve Female NPT x Female NPT

Size	Brass Part #	316 Stainless Steel Part #
1/4"	61-101	62-101
3/8"	61-102	62-102
1/2"	61-103	62-103
3/4"	61-104	62-104
1"	61-105	62-105
1-1/4"	61-106	62-106
1-1/2"	61-107	62-107
2"	61-108	62-108
2-1/2"	61-109	---
3"	61-100	---

Ball Cone Check Valve Male NPT x Female NPT

Size	Brass Part #
1/4"	61-201
3/8"	61-202
1/2"	61-203
3/4"	61-204
1"	61-205
1-1/4"	61-206
1-1/2"	61-207
2"	61-208



0