

Series-C Check Valves



brass



steel

Feature

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

Material

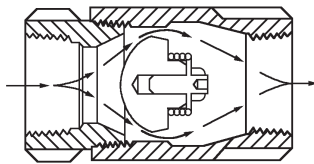
- Seal: Nitrile

Specifications

- Maximum operating pressure: brass **2000 PSI** at 70°F (21°C); Steel **5000 PSI** at 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



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

Application

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

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)**

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.

Ball Cone Check Valve



Size	Female NPT x Female NPT Brass Part #	Female NPT x Female NPT 316 Stainless Steel Part #	Male NPT x Female NPT Brass Part #
1/4"	61-101	62-101	61-201
3/8"	61-102	62-102	61-202
1/2"	61-103	62-103	61-203
3/4"	61-104	62-104	61-204
1"	61-105	62-105	61-205
1-1/4"	61-106	62-106	61-206
1-1/2"	61-107	62-107	61-207
2"	61-108	62-108	61-208
2-1/2"	61-109	---	---
3"	61-100	---	---



WARNING: Misuse of these products can cause serious injury or even death.



WARNING: Pressurized steam is an extremely dangerous commodity. Only hose, fittings, clamps, and accessory items that have been approved by Dixon for use with Dixon products for steam service should ever be used. Never use an unapproved item for steam service. Always follow the manufacturer's product recommendations for pressurized steam handling.



WARNING: For safety reasons, due to differences in dimensions and tolerances, do not interchange other manufacturer's products with Dixon products.