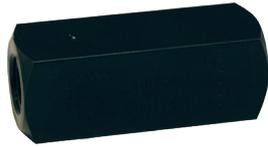


Series-C Check Valves



brass



steel

Feature

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

Material

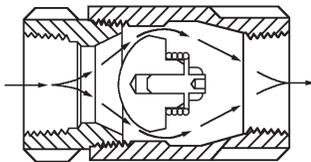
- Seal: Nitrile

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.

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)**

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 |



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