

C200 Series

0 to 3000 psig Cartridge Check Valve



Features

- Large flow capacity
- Compact design
- Flaring fitting

Benefits

- Maintenance free flow
- Easy installation
- Durable
- Leak-tight
- Automatic compensation for wear

Technical Data

Material	Aluminum, 304L, 316 stainless steel, steel
Seal Material	Aluminum nitride, polytetrafluoroethylene
Flow Direction	From A, B, C and D
Flow Capacity	900 gpm (3400 lpm)
Working Pressure	0 to 3000 psig (0 to 207 bar)
Test Pressure	4000 psig (276 bar)
Weight Range	See Weight Range Chart
Application Note	See the C200 Series User Guide. Read the integral data included with this valve.

Note: Proper installation is recommended to prevent damage to mating surfaces.

How It Works



Open

Full flow passage after reverse pressure or flow. Spring completely retracts from the path.



Closing

Flowing in the opposite direction forces contact with control valve surface of spring seat and seat to cushion closing and prevent back-siphon.



Sealed

Flow only seals. Full pressure built up behind the ball valve seat, forcing pressure to make sealing effective. Control valve prevents any possibility of back-siphon or retraction of flow.

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check valves