Inline Check Valves

316 stainless steel body · 6000 PSI WOG · NPT male x female

OVERVIEW

Trilogy inline check valves allow flow in one direction and stop reverse flow, protecting pumps, instruments and injection systems from backflow. A spring-loaded ball seats against a Viton O-ring for a positive seal, and the valve opens at a low 8 to 10 psi cracking pressure.

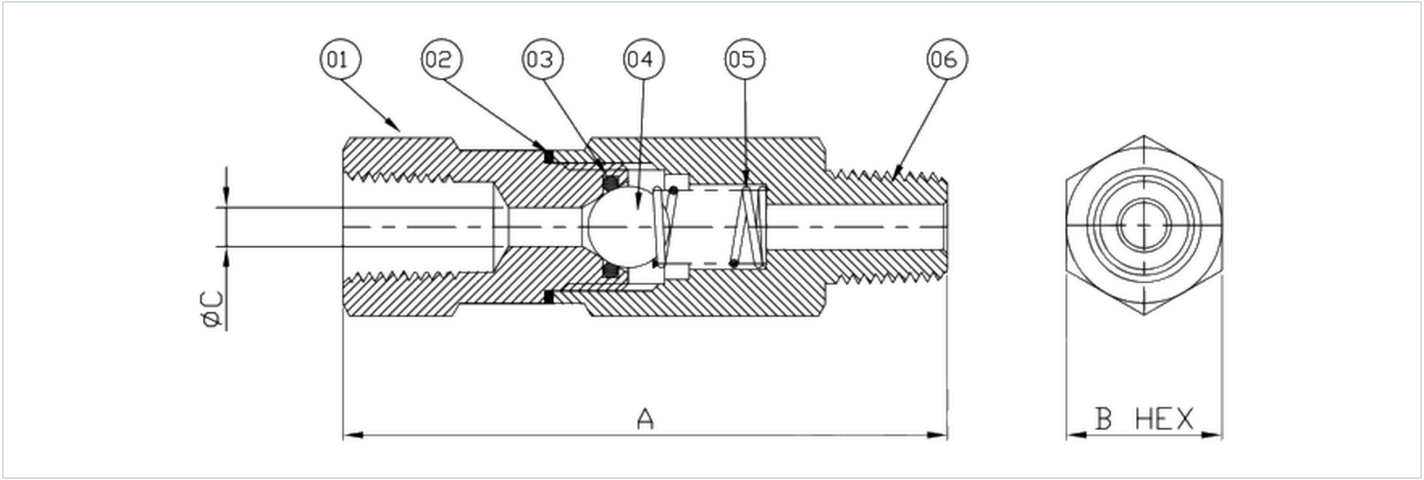
The 316 stainless steel body is rated to 6000 PSI WOG, with an NPT female inlet and male outlet for straightforward inline installation. Flow direction is marked on the body.

> **What to include in your request:** connection size, end connections, required pressure rating, quantity, and service conditions (fluid and temperature).



1/4" inline check valves

SECTIONAL DRAWING



A = overall length. B = hex size across flats. C = bore diameter. Flow direction is from the female inlet (01) to the male outlet (06).

MATERIALS LIST

No.	Part Name	Material
1	Body (inlet)	316 stainless steel
2	Packing	304 stainless steel
3	O-ring	Viton
4	Ball	304 stainless steel
5	Spring	304 stainless steel
6	Body (outlet)	316 stainless steel

DESIGN FEATURES

Pressure Rating	6000 PSI WOG
Connections	NPT, male x female
Size Shown	1/4" NPT
Cracking Pressure	8 – 10 psi
Max. Temperature	248°F (120°C)
Seal	Viton O-ring