



## Model: CV

The Budenberg Check Valve was designed to meet the demand from applications where high pressures and arduous duties are standard. The valve permits gases and liquids to flow only in one direction, thus preventing the process flow from reversing.

The process flow in the desired direction opens the valve, and during the reverse flow the poppet is forced back into its seat closing the valve, which provides a total non-return of flow or pressure.

The poppet-check design of our valve utilises a spring loaded poppet resting in a seat ring as the closure element. It incorporates a heavy duty spring for repeatability and a prolonged life.

These Check Valves are also known in different industries as "Non-Return" and "Directional Control" valves.

### Material

Body – 316 Stainless Steel as standard

Spring – 316 Stainless Steel

Other materials available on request.

### Connection Size

¼" NPT Female / Female

½" NPT Female / Female

¾" NPT Female / Female

Adaptors available for other thread configurations

### Pressure Ranges

6,000 Psi – As standard

10,000 Psi – Optional

### Mounting

Inline

### Seals

Viton

## NON - RETURN CHECK VALVE HIGH PRESSURE



### Cracking Pressure

Between 6 & 8 Psi

### Testing

100% Pressure / Hydrostatically tested

### Temperature

Up to 190 Degrees Celsius

### Traceability

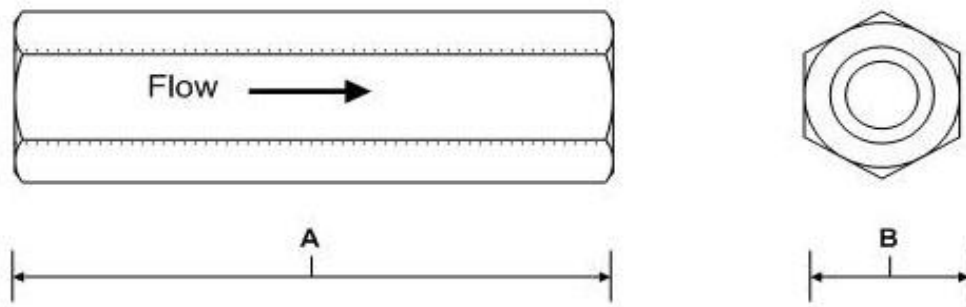
Each valve is stamped with unique trace- code to enable us to trace back to the original mill certificate. Therefore when requested each batch can be supplied fully in accordance to EN 10204 3.1b

### Options

Customer names etched on the body, special designs undertaken, please contact or Sales Office.

## Dimensions

Model : CHECK VALVE



Model No	A	B
Check Valve	75mm	28mm

## Accessories

### Adaptors

We have a range of Parallel and Taper threaded adaptors to fit the Non-Return Check Valve - See Adaptors Datasheets

### Valves

We have a range of Needle and Ball Valves that are complimentary to the Non-Return Check Valve - See Valve Datasheets

## Applications

**Pumping Systems** - where a backflow of pressure can cause damage

**Hydraulic cylinders** - where a reduction in pressure can cause the hydraulic cylinder to withdraw

**Vent Valve** - to purge a system

**Contamination prevention** - where a backflow of pressure can cause contamination in analytical instrumentation

**System protection** - where damage to solenoid valves, and tank overflows can occur when a backflow is not prevented