



# Check Valves Catalog

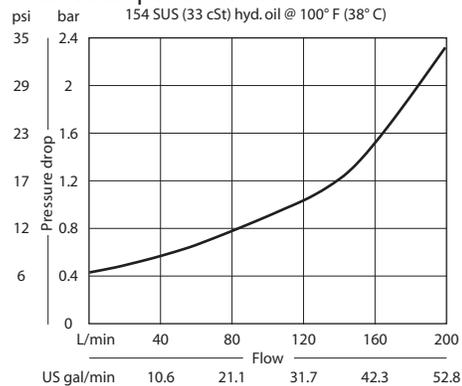
Slip-in  
3C90-01

## OPERATION

This valve allows free flow from 1 to 2 and blocks flow from 2 to 1.

## SPECIFICATIONS

### Theoretical performance



### Schematic



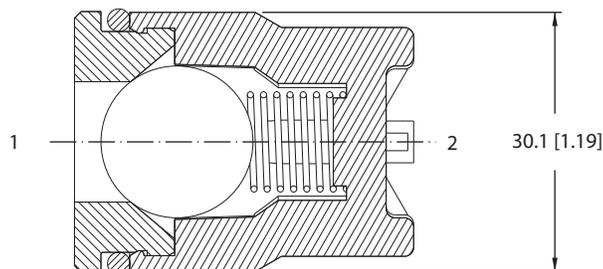
### Specifications

|                                |                               |
|--------------------------------|-------------------------------|
| Rated pressure                 | 210 bar [3045 psi]            |
| Rated flow at 7 bar<br>100 psi | 190 l/min<br>[50 US gal/min]  |
| Leakage                        | 15 drops/min @ rated pressure |
| Weight                         | 0.05 kg [0.11 lb]             |
| Cavity                         | FC-304                        |

## DIMENSIONS

mm in

### Cross-sectional view



## ORDERING INFORMATION

3C90-01-B-0-005

**Crack pressure**  
005 = 0.34 bar [5 psi]

**Housing and ports**  
0 = No Housing

**Seals**

|            |                 |
|------------|-----------------|
| B = Buna-N | Seal kit 720607 |
| V = Viton  | Seal kit 720601 |