



## Check Valves Technical Information

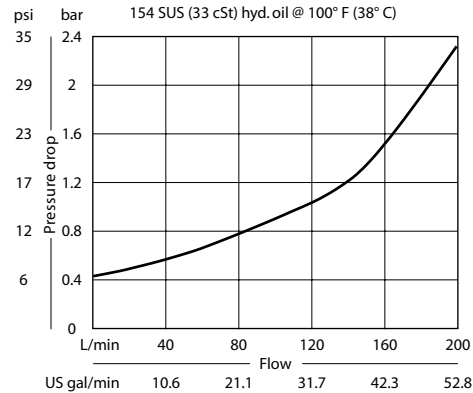
### Slip-in 3C80-01

#### OPERATION

This valve allows free flow from 1 to 2 and blocks flow from 2 to 1. Valve uses a Delrin® seat for low leakage.

#### SPECIFICATIONS

##### Theoretical performance



##### Schematic



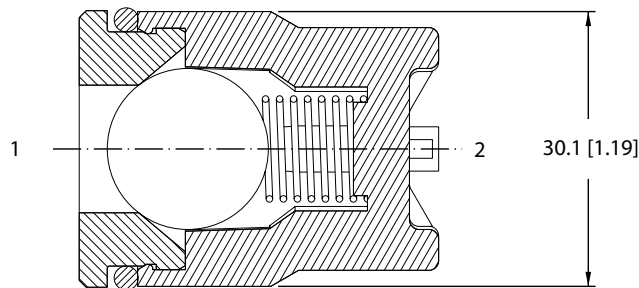
##### Specifications

|                                |                                 |
|--------------------------------|---------------------------------|
| Rated pressure                 | 140 bar [2000 psi]              |
| Rated flow at 7 bar<br>100 psi | 190 l/min<br>[50 US gal/min]    |
| Leakage                        | 6 drops/min @ rated<br>pressure |
| Weight                         | 0.04 kg [0.09 lb]               |
| Cavity                         | <b>FC-304</b>                   |

#### DIMENSIONS

mm in

##### Cross-sectional view



#### ORDERING INFORMATION

3C80-01-B-0-005

##### Cracking pressure

005 = 0.34 bar [5 psi]  
025 = 1.7 bar [25 psi]

##### Housing and ports

00 = No Housing

##### Seals

B = Buna-N  
V = Viton

##### Seal kit

720607  
720601

P102 554E