

Check Valves

CP101-2

Check Valve, Reverse Direction
350 bar [5000 psi] • 76 l/min [20 US gpm]

DESCRIPTION AND OPERATION

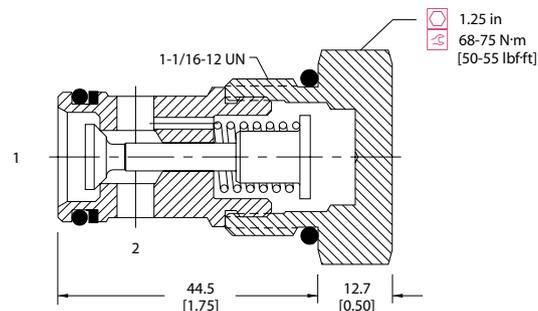
This is a check valve where free flow takes place from port 2 to 1 and is blocked from port 1 to 2.

SCHEMATIC



DIMENSIONS

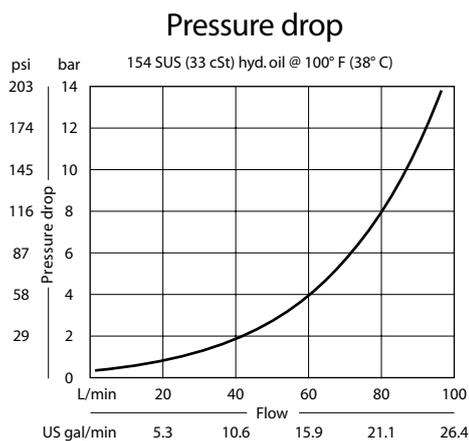
mm [in]



PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow at 7 bar [100 psi]	76 l/min [20 US gpm]
Leakage	6 drops/min @ 210 bar [3000 psi]
Weight	0.18 kg [0.40 lb]
Cavity	CP12-2

PERFORMANCE CURVES



MODEL CODE

CP101 - 2 - B - 12S - 005

Seal Option

Code	Seal kit
B -Buna-N	120017
V -Viton	120018

Crack Pressure

Code	Bar	Psi
005	0.34	[5]
015	1.0	[15]
065	4.5	[65]

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
4B	Al, 1/2 BSP	CP12-2-4B
6B	Al, 3/4 BSP	CP12-2-6B
10S	Al, #10 SAE	CP12-2-10S
12S	Al, #12 SAE	CP12-2-12S

*Aluminum bodies are to be used for pressures less than 210 bar [3000 psi]
 * Additional housings available