

Check Valves

CP102-2

Check valve, Reverse Direction with Bypass Orifice
350 bar [5000 psi] • 150 l/min [40 US gpm]

DESCRIPTION AND OPERATION

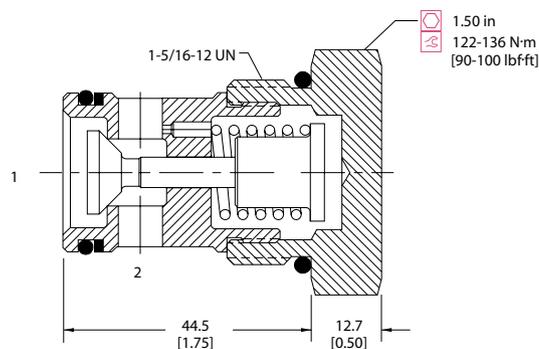
This is a check valve where free flow takes place from port 2 to 1 and is blocked from port 1 to 2.

SCHEMATIC



DIMENSIONS

mm [in]

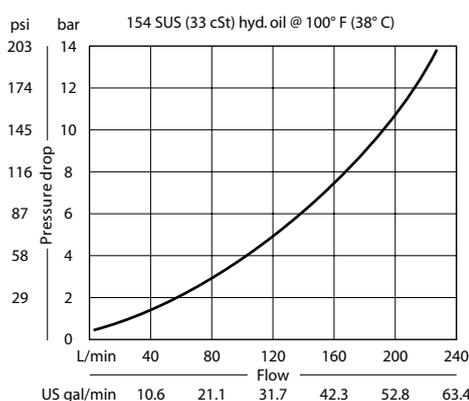


PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow at 7 bar [100 psi]	150 l/min [40 US gpm]
Leakage	6 drops/min @ 210 bar [3000 psi]
Weight	0.26 kg [0.57 lb]
Cavity	SDC16-2

PERFORMANCE CURVES

Pressure drop



MODEL CODE

CP102 - 2 - B - 16S - 005

Seal Option

Code	Seal kit
B-Buna-N	120019
V-Viton	120020

Crack Pressure

Code	Bar	Psi
005	0.34	[5]
015	1.0	[15]
030	2.1	[30]
050	3.4	[50]
065	4.5	[65]
100	6.9	[100]

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
HG-6B	Al, 3/4 BSP	SDC16-2-HG-6B
HG-8B	Al, 1 BSP	SDC16-2-HG-8B
12S	Al, #12 SAE	CP16-2-12S
16S	Al, #16 SAE	CP16-2-16S

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