

Check Valves

CV08-NP

Check Valve, Standard Direction

350 bar [5000 psi] • 38 l/min [10 US gpm]

DESCRIPTION AND OPERATION

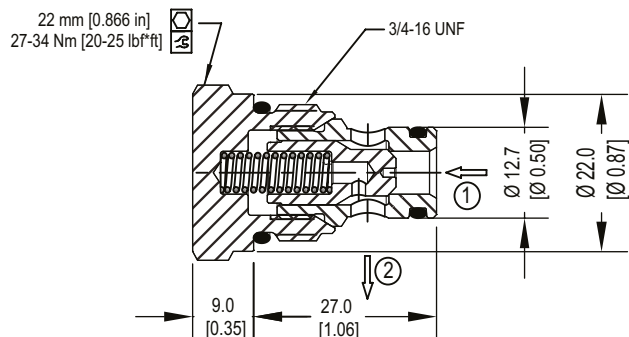
This is a check valve where free flow takes place from port 1 to 2 and is blocked from port 2 to 1.

SCHEMATIC



DIMENSIONS

mm [in]

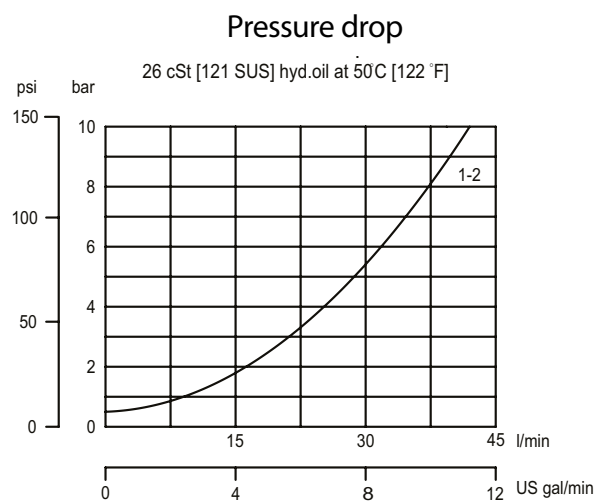


PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow at 7 bar [100psi]	38 l/min [10 US gpm]
Leakage	6 drops/min @ Rated pressure
Weight	0.05 kg [0.11 lb]
Cavity	SDC08-2

*Rated pressure based on NFPA fatigue test standard [at 1 million cycles]

PERFORMANCE CURVES



MODEL CODE

CV08 - NP - 0.3 - B - 00

Crack Pressure

Code	Bar	Psi
0.3	0.3	[5]
1	1.0	[15]
2	2.0	[30]
5	5.0	[73]
7	7.0	[100]

Seal Option

Code	Seal kit
B-Buna-N	120221
V-Viton	120222

Housing

Code	Ports & Material	Housing Model Code
00	No Housing	No Housing
DG2B	AL, 1/4 BSP	SDC08-2-DG-2B
DG3B	AL, 3/8 BSP	SDC08-2-DG-3B
4S	AL, #4 SAE	CP08-2-4S
6S	AL, #6 SAE	CP08-2-6S

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

* Additional housings available