

# Check Valves

## CV10-NP

Check Valve, Standard Direction  
350 bar [5000 psi] • 80 l/min [21 US gpm]



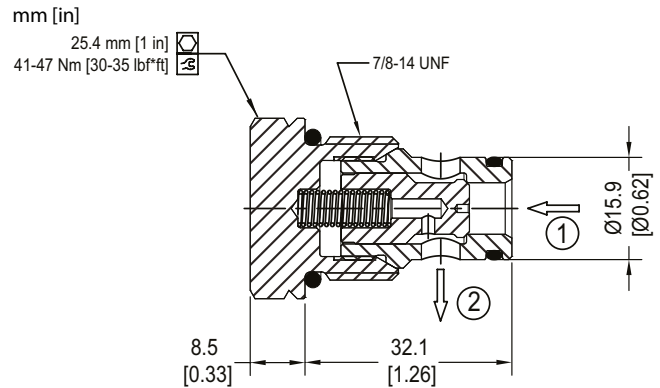
### DESCRIPTION AND OPERATION

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

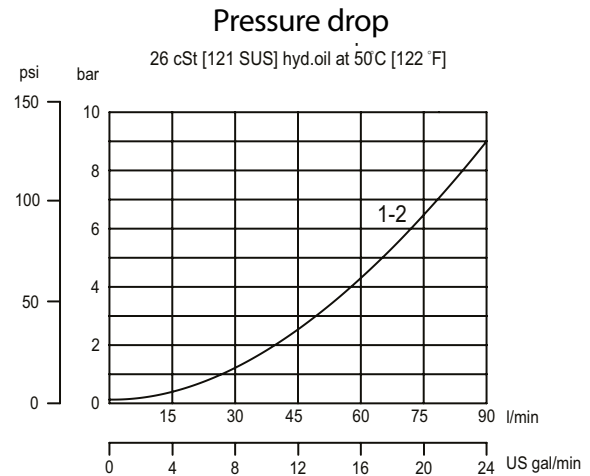


### PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow at 7 bar [100psi]	80 l/min [21 US gpm]
Leakage	6 drops/min @ Rated pressure
Weight	0.08 kg [0.18 lb]
Cavity	SDC10-2

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

### PERFORMANCE CURVES



### MODEL CODE

CV10 - 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]	
10	10 [150]	
15	15 [217]	

#### Seal Option

Code	Seal kit
B-Buna-N	120015
V-Viton	120016

#### Housing

Code	Ports & Material	Housing Model Code
00	No Housing	No Housing
6S	AL, #6 SAE	SDC10-2-6S
8S	AL, #8 SAE	SDC10-2-8S
3B	AL, 3/8 BSP	SDC10-2-3B
4B	AL, 1/2 BSP	SDC10-2-4B

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

\* Additional housings available