

# Check Valves

## CP108-2

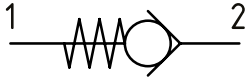
Check Valve, Reverse Direction  
350 bar [5000 psi] • 20 l/min [5 US gpm]



### DESCRIPTION AND OPERATION

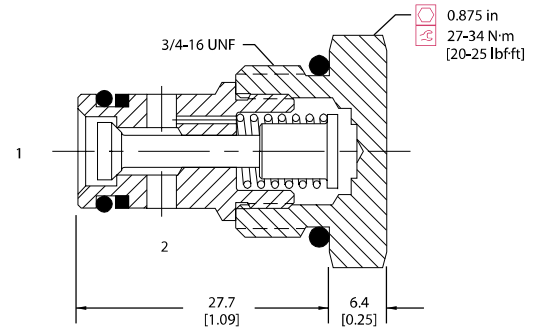
This is a check valve where free flow takes place from port 2 to 1 and is blocked from port 1 to 2.

### SCHEMATIC



### DIMENSIONS

mm [in]

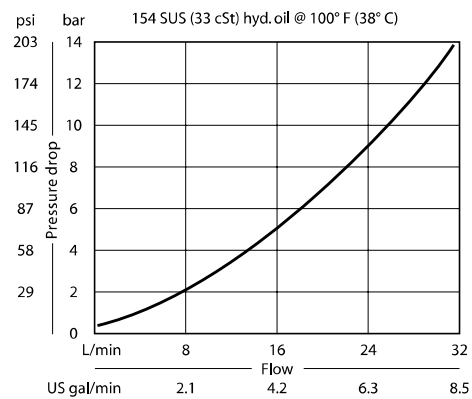


### PERFORMANCE DATA

|                               |                                  |
|-------------------------------|----------------------------------|
| Rated pressure                | 350 bar [5000 psi]               |
| Rated flow at 7 bar [100 psi] | 20 l/min [5 US gpm]              |
| Leakage                       | 6 drops/min @ 210 bar [3000 psi] |
| Weight                        | 0.05 kg [0.11 lb]                |
| Cavity                        | SDC08-2                          |

### PERFORMANCE CURVES

#### Pressure drop



### MODEL CODE

CP108 - 2 - B - 6S - 005

#### Seal Option

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

#### 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       |                    |
| DG2B | Al, 1/4 BSP      | SDC08-2-DG2B       |
| DG3B | Al, 3/8 BSP      | SDC08-2-DG3B       |
| 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