

Sequence and Unloading Valves

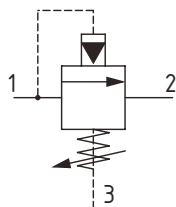
CP240-21

Sequence Valve, Pilot Operated, Spool Type, Internal Pilot, External Drain
350 bar [5000 psi] • 45 l/min [12 US gpm]

DESCRIPTION AND OPERATION

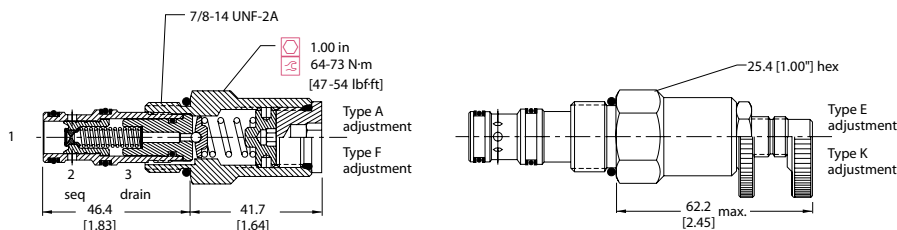
This is a pilot operated, spool type sequence valve that opens from port 1 to port 2 when the setting is reached. This is ideal for sequencing a secondary operation while maintaining pressure in the primary operation, limiting pressure loss with constant or varying flows.

SCHEMATIC



DIMENSIONS

mm [in]

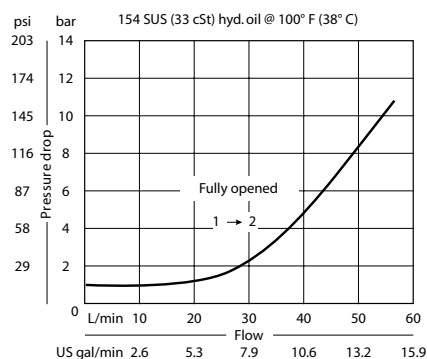


PERFORMANCE DATA

| | |
|-------------------------------------|-----------------------------|
| Rated pressure | 350 bar [5000 psi] |
| Rated flow @ 7 bar [100 psi] | 45 l/min [12 US gpm] |
| Weight | 0.23 kg [0.51 lb] |
| Cavity | SDC10-3 |

PERFORMANCE CURVES

Pressure Drop



MODEL CODE

CP240 - 21 - B - 6S - A - C - 150

Seal Option

| Code | Seal kit |
|--------------------|----------|
| B -Buna - N | 120009 |
| V -Viton | 120010 |

Housing

| Code | Ports & Material | Housing Model Code |
|-------------|------------------|--------------------|
| 0 | No Housing | No Housing |
| SE3B | AL, 3/8 BSP | SDC10-3-SE-3B |
| SE4B | AL, 1/2 BSP | SDC10-3-SE-4B |
| 6S | AL, #6 SAE | CP10-3-6S |
| 8S | AL, #8 SAE | CP10-3-8S |

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

* Additional housings available

Adjustment Option

A - Internal
E - External
F - Tamper Resistant
K - Knob

Pressure Setting

Code x10 - Pressure setting in psi
 (50 psi increments within specified Pressure Range)
XXX-Standard setting (see Pressure Range for value)
 Example:

| Code | Bar | Psi |
|------------|-----|--------|
| 150 | 103 | [1500] |

Pressure Range

| Code | Bar | Psi |
|------------------|--------|------------|
| A | 14-55 | [200-800] |
| Standard Setting | 28 | [400] |
| B | 21-103 | [30-1500] |
| Standard Setting | 69 | [1000] |
| C | 28-207 | [400-3000] |
| Standard Setting | 103 | [1500] |
| D | 28-345 | [400-5000] |
| Standard Setting | 103 | [1500] |