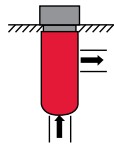


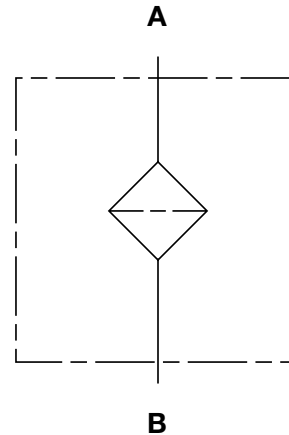
# HIGH PRESSURE FILTERS

## CP-C16 Series

Circuit Protector Manifold Cartridge Filters  
3000 psi • up to 12 gpm



### Hydraulic Symbol



### Features

- Simple cost effective method of component protection with minimal space requirements, eliminating design restraints.
- Fits into a standard manifold Cavity No. C16-2 Port.
- CP Circuit Protector Filters provide backup protection when upstream pressure filters go into bypass or if element damage occurs.
- Two (2) different element options: 10 micron, and 141 micron allow filter to be tailored to individual application needs.
- Suitable for petroleum based fluids.
- Flow Path - inside to outside.

### Technical Specifications

<b>Mounting Method</b>	C16-2 Cavity (SAE-16 Threaded Port)	
<b>Flow Direction</b>	Inlet: Bottom	Outlet: Side
<b>Construction Materials</b>	Steel	
<b>Flow Capacity</b>	12 gpm (45 lpm)	
<b>Housing Pressure Rating</b>	Max. Allowable Working Pressure 3000 psi (210 bar)	
	Fatigue Pressure Contact HYDAC Office	
	Burst Pressure Contact HYDAC Office	
<b>Element Collapse Pressure Rating</b>	W/HC 250 psid (17 bar)	
<b>Fluid Temperature Range</b>	14°F to 212°F (-10°C to 100°C) Consult HYDAC for applications operating below 14°F (-10°C)	
<b>Fluid Compatibility</b>	Compatible with all petroleum oils rated for use with Nitrile rubber (NBR) seals.	

### Applications



Agricultural



Automotive



Construction

## Model Code

**CP-C16 W 40 G 10 W 1 . 0 / 12**

### Filter Type

CP-C16 = Circuit Protector  
(Common Cavity No. C16-2)

### Element Media

W = Wire Mesh

### Size

40

### Inline Port

G = 1" Male Thread 1 5/16-12UN-2A (SAE-16)

### Filtration Rating (micron)

10 = 10 micron  
141 = 141 micron

### Bypass Indicator

W = No indicator Port

### Type Number

1 = Standard Configuration

### Modification Number

### Port Configuration

12

### Seals

(omit) = Nitrile rubber (NBR) (standard)  
V = Fluorocarbon elastomer (FKM)

*Model Codes Containing RED are non-stock items — Minimum quantities may apply — Contact HYDAC for information and availability*

## Pressure Drop Curves

Based on testing conducted with 150 SUS fluid at 105°F.

