12 Series Spin-On Filter - with ΔP Indicator Option

Flows up to: 70 GPM (Return) 25 GPM (Suction)
Port Sizes: 
- 1 1/4" NPTF
- 1 1/4" BSP
- 1 5/8" - 12 UN (SAE - 20)

Pressure: 200 PSI Max. Operating
Warning: 80 PSI ΔP max. without by-pass valve.

Temperature: Up to +250° F.
Operating
Applications: Petroleum based fluids only.
Consult factory for synthetic fluids.

Average Pressure Drop Through Clean Filter Assembly
With 150 SUS Oil At 105°F.

NOTE:
Please see 11 Series for replacement elements.
### 12 Series How to Order

#### Example Part Number

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>A</td>
<td>-</td>
<td>16</td>
<td>P</td>
<td>16</td>
<td>P</td>
<td>-</td>
<td>1OC</td>
<td>V</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Section A
- **Filter Series**
  - Spin On Filters 5/8" OD W/V
  - Code: 12

#### Section B
- **Port Breakdown**
  - Assembly (Head and Element) Cast Aluminum Head
  - Code: A
  - Assembly (Head and Element) 1/8" S S Head (1/2" NPT Only)
  - Code: T
  - Element Only
  - Code: E
  - Head Only Cast (Aluminum)
  - Code: H
  - Head Only Cast (1/8" S S 1/2" NPT Only)
  - Code: HT

#### Section C
- **Port Size**
  - 1" 16 16
  - 1 1/4" 20 20

#### Section D
- **Inlet Port Type**
  - FNPT
  - Code: P
  - BSP
  - Code: BP
  - FNPT
  - Code: 5
  - BSP
  - Code: 5

#### Section F
- **Outlet Port Type**
  - FNPT
  - Code: P
  - BSP
  - Code: BP
  - FNPT
  - Code: 5
  - BSP
  - Code: 5

#### Section G
- **Material**
  - 3 Micron Cellulose: 10 3M 7 3M
  - 10 Micron Cellulose: 10 10C 7 10C
  - 25 Micron Cellulose: 25 25C 7 25C
  - 3 Micron Micro Glass: 3 3M 7 3M
  - 6 Micron Micro Glass: 6 6M 7 6M
  - 12 Micron Micro Glass: 12 12M 7 12M
  - 25 Micron Micro Glass: 25 25M 7 25M
  - 10 Mic. Cellulose Water Abs.: 10 10C 7 10C
  - 100 Mesh 304 Stainless Steel: 100S 7 100S
  - 3 Micron Cellulose: 3 3C 11 3C
  - 10 Micron Cellulose: 10 10C 11 10C
  - 1 Micron Micro Glass: 1 1M 11 1M
  - 3 Micron Micro Glass: 3 3M 11 3M
  - 6 Micron Micro Glass: 6 6M 11 6M
  - 12 Mic. Micro Glass: 12 12M 11 12M
  - 10 Mic. Cellulose Water Abs.: 10 10C 11 10C
  - 10 Mic. Micro Glass Water Abs.: 10 10M 11 10M
  - 100 Mesh 304 Stainless Steel: 100S 11 100S

#### Section H
- **Material**
  - Buna: N
  - Viton®: V
  - EPDM: E

#### Section I
- **Bypass Setting**
  - Non-Bypass: 0
  - 4 PSI: 4
  - 13 PSI: 13
  - 22 PSI: 22
  - 44 PSI: 44

#### Section J
- **Gauge Port Location**
  - 1/8" NPT Gauge Port Location
    - Return Line: 1
    - Return Line: 2
    - Suction Line: 4
    - Suction Line: 5

#### Section K
- **Indicators**
  - No Indicator: 0
  - Visual: V
  - Electrical: 0
  - Vs/Fe/Pt/Fe/PT150: DN1

### Replacement Element

#### Section A
- **Element Size**
  - Replacement Element - See Specification Chart
  - Code: 11
  - Element: E

#### Section B
- **Micron Rating**
  - See Section B Above For Code: 3M

#### Section C
- **O-Ring**
  - See Section H Above For Code: N

### Replacement Head

#### Section A
- **Element Size**
  - Replacement Element - See Specification Chart
  - Code: 12
  - Element: H

#### Section C
- **Inlet Port Size**
  - See Section C Above For Code: 16

#### Section D
- **Port Type**
  - See Section D Above For Code: P

#### Section F
- **Outlet Port Size**
  - See Section F Above For Code: 16

#### Section I
- **Bypass Setting**
  - See Section I Above For Code: 3

#### Section J
- **Gauge Port Location**
  - See Section J Above For Code: 2

#### Section K
- **Indicator**
  - See Section K Above For Code: V