13 Series
Modular Line Type Spin-On Filter
with ΔP Indicator Option

Flows up to: 120 GPM (Return) 50 GPM (Suction)
Port Sizes:
- 1 1/2” NPTF
- 1 7/8” - 12 UN (SAE - 24)
- 2” (4) Bolt Flange
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.

13-Series filters consist of two or more spin-on filter head modules bolted together to form a complete assembly. Inlet flow is equally divided among all spin-on filter elements (parallel flow). Multiple filter head module design allows filter elements to be manifolded together creating greater flow capacities and longer service life.

**Please see 11 Series for replacement elements**

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

**NOTE:**
Flow data for a 13-Series 4 element filter head is identical to the 3 element filter above. MF-Series filter heads with 4 or more elements will not significantly reduce pressure drop or allow greater flow through the assembly. The 13-Series will lengthen the time periods between element servicing.
## 13 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>13</td>
<td>A</td>
<td>-</td>
<td>24</td>
<td>S</td>
<td>24</td>
<td>S</td>
<td>-</td>
<td>M2</td>
<td>10C</td>
<td>V</td>
</tr>
</tbody>
</table>

#### Section A
- **Description**: Element Type
- **Code**: 13

#### Section B
- **Description**: Filter Series
- **Code**: Spin-On Filters with Dual Head

#### Section C
- **Description**: Port Size
- **Code**: 2" Flange - 1 1/2" NPT Combo

#### Section D
- **Description**: Inlet Port Type
- **Code**: Flange - NPT Combo

#### Section E
- **Description**: Outlet Port Type
- **Code**: Flange - NPT Combo

#### Section F
- **Description**: Modules
- **Code**: M2

#### Section G
- **Description**: Micron Rating / Material
- **Code**: 3C

#### Section H
- **Description**: O-Ring Material
- **Code**: Viton®

#### Section I
- **Description**: Gauge Port Location
- **Code**: N

#### Section J
- **Description**: Indicators
- **Code**: DIN

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### Section A

#### Element Size
- **Description**: Element
- **Code**: E

#### Section B
- **Description**: Micron Rating
- **Code**: 3C

#### Section C
- **Description**: Inlet Port Size
- **Code**: 24

#### Section D
- **Description**: Inlet Port Type
- **Code**: S

#### Section E
- **Description**: Outlet Port Size
- **Code**: 24

#### Section F
- **Description**: Outlet Port Type
- **Code**: S

#### Section G
- **Description**: Modules
- **Code**: M2

#### Section H
- **Description**: O-Ring
- **Code**: N

#### Section I
- **Description**: Indicators
- **Code**: DIN