Balanced Piston Type Relief Valves

(F3)CS-H10-*'(V)-30

<table>
<thead>
<tr>
<th>Model</th>
<th>Spring Pressure Range PSI</th>
<th>Included in Cover S/A</th>
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<tbody>
<tr>
<td>C*-H10-BV-30</td>
<td>125-1000</td>
<td>941286</td>
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<tr>
<td>C*-H10-CV-30</td>
<td>500-2000</td>
<td>941287</td>
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<tr>
<td>C*-H10-FY-30</td>
<td>1500-3000</td>
<td>941288</td>
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- Available in lot kits of 25 pieces

Assembly notes:
- Coat these parts with oil prior to assembly.
- 1485 Nut
- 283949 Lock Screw
- 326317 Shim (As req’d to obtain proper adjustment range)
- 1073 Screw (4 req’d) Torque to 40-50 lb.-ft. (54.2-67.8 N.m)
- AX-36212 Drive Screw (4 req’d)

Diagram includes:
- 290057 Piston
- 581700 Cover
- 580427 Seat
- 343740 Plug Torque to 130-160 lb.-in. (14.7-18 N.m)
- 263496 “O” Ring
- 583214 Spacer
- 262367 “O” Ring
- 291821 Spring
- 315932 Plug Torque to 200-240 lb.-in. (22.6-27.1 N.m)
- 263494 “O” Ring
- 587996 Seat
- 400730 Sleeve
- 283952 Piston
- 580246 Knob
- 262332 “O” Ring
- 283948 Plunger
- 64520 Washer (As req’d)
- AX-36212 Drive Screw

Notes:
- Not available for sale.
- Included in F3 Seal Kit 920225

Revised 08-01-87
Model Code Breakdown

<table>
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<tr>
<th>Model Code</th>
<th>Description</th>
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<td>(F3)</td>
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<tr>
<td>C</td>
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<td>H10</td>
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<td>(V)</td>
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1. **Seals**
   - **F3**: Multi-fluid capability (Viton® seals)
   - Viton is a registered trademark of E.I. DuPont

2. **Model Series**
   - **C**: Relief valve

3. **Threads**
   - **S**: SAE straight

4. **Size**
   - **H10**: 1-1/4 inch high flow

5. **Pressure Range**
   - **B**: 125-1000
   - **C**: 500-2000
   - **F**: 1500-3000

6. **Vent Pressure**
   - **V**: High vent pressure

7. **Design**

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Eaton OFP, OFR and OFRS filter series are recommended.