Pressure Reducing Valves

**X(C)S - H10 - * - 30**

**X(C)T - H10 - * - 30**

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### Service Data

**Vickers®**

**Pressure Controls**

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**Pressure Reducing Valves**

*X(C)S - H10 - * - 30*

*X(C)T - H10 - * - 30*

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**401698 Plunger**
- 262334 "O"– Ring
- 197572 Back-up ring
- Spacer (See table)
- 401697 Lockscrew

**580426 Adjustment knob**

**1485 Nut**
- 401701 Nut

**590296 Spring**

**428959 Spool**

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**AX-36212 Screw (4 Req'd)**

**590354 Body**
- XCS
- XCT

**590359**

**590368 XS**

**590371 XT**

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**583188 Cover**

**401699 Spring**

**290057 Piston**

**591772 Plug**
- (Torque 24.4 – 27 N.m.)
- (18 – 20 lb. ft.)

**263496 "O"– Ring**

**591772 Plug**
- (Torque 24.4 – 27 N.m.)
- (18 – 20 lb. ft.)

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**Nameplate**

**591772 Plug**
- (Torque 15.0 – 16.5 N.m.)
- (133 – 147 lb. in.)

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**295681 Retaining Ring**

**197582 Back-up Ring**

**262344 "O"– Ring**

**23375 Spring**

**34386 Check Valve**

**262394 "O"– Ring**
- (2 req'd)

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**342368 Cover**

**1073 Screw (8 Req'd)**
- (Torque 51.5–61.4 N.m.)
- (38–46 lb. ft.)

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**Drain**

**262330 "O"– Ring**
- (2 req'd)

**271344 Plug**

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**NOT** Installed lockscrew W/Stepped O. D. end toward spacer or plunger as shown.

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**NOTE**

Service all units with F3 seal kit 919852.

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<table>
<thead>
<tr>
<th>Model</th>
<th>Cover spring</th>
<th>Spacer</th>
<th>Pressure range P.S.I.</th>
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</thead>
<tbody>
<tr>
<td>X(C)*–H10–1–30</td>
<td>2280</td>
<td>—</td>
<td>1000</td>
</tr>
<tr>
<td>X(C)*–H10–2–30</td>
<td>583937</td>
<td>—</td>
<td>2000</td>
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<td>X(C)*–H10–3–30</td>
<td>401700</td>
<td>386715</td>
<td>2850</td>
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Revised 08/01/85

I-3674-S
**Model Code**

(F3) - X(C) * - H10 - * - 30

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
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1. **Seals**
   - F3 - Seals for mineral oil and fire resistant fluids

2. **Model Series**
   - X - Pressure reducing valve

3. **Integral Check Valve**
   - Omitted - No check valve

4. **Threaded Connections**
   - S - 1.0625-12UN-2B Thd.
   - T - 1-1/4 inch NPTF Thd.

5. **High Flow**
   - H - 140 USgpm

6. **Nominal Valve Size**
   - 10 - 1-1/4 inch

7. **Maximum Adjustable Pressure**
   - 1 - 1000 PSI
   - 2 - 2000 PSI
   - 3 - 2850 PSI

8. **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.